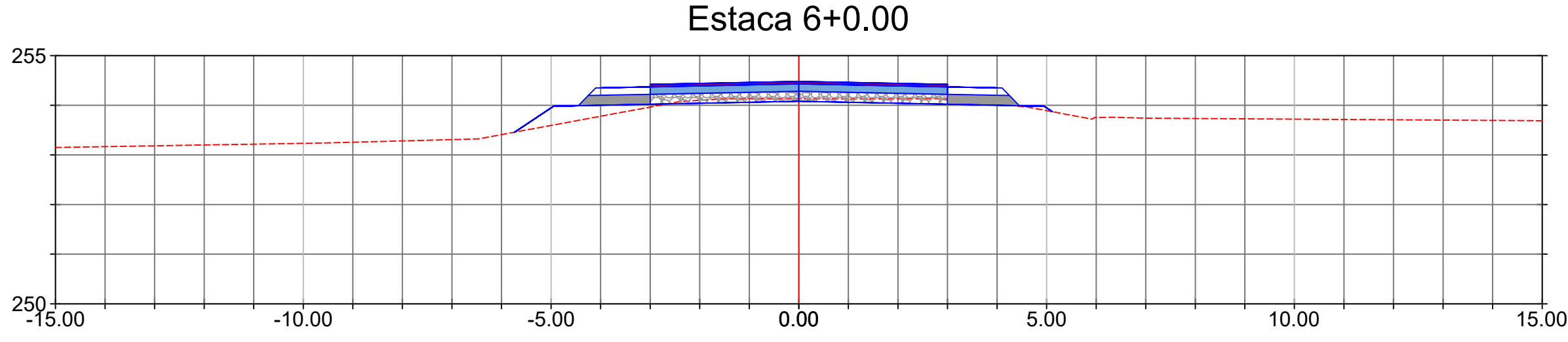
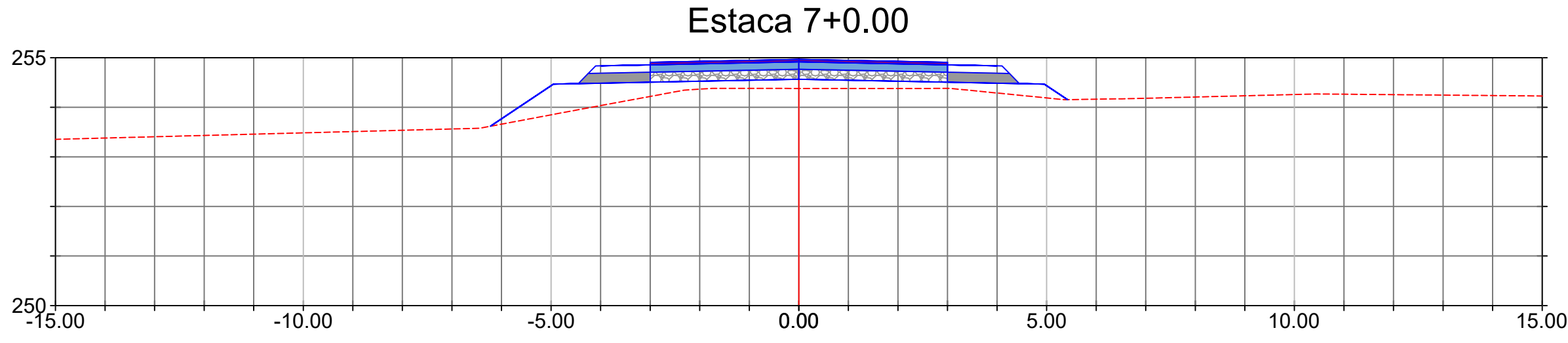
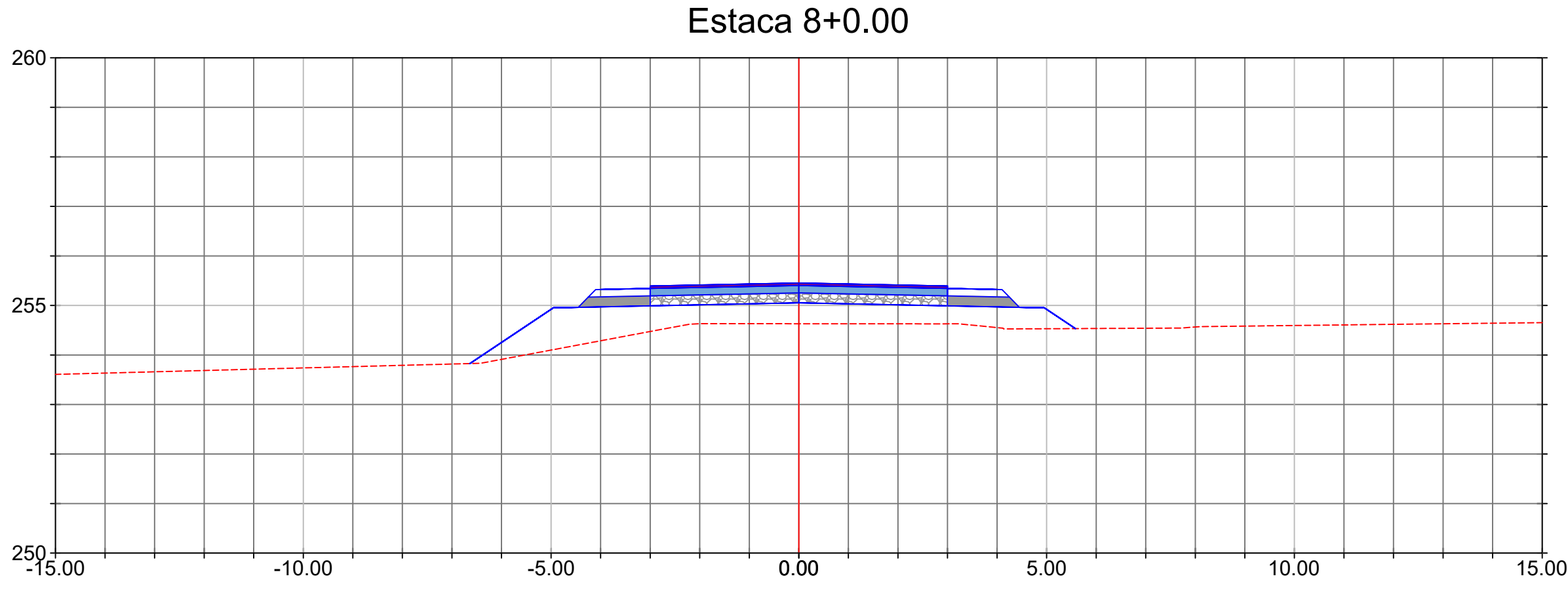
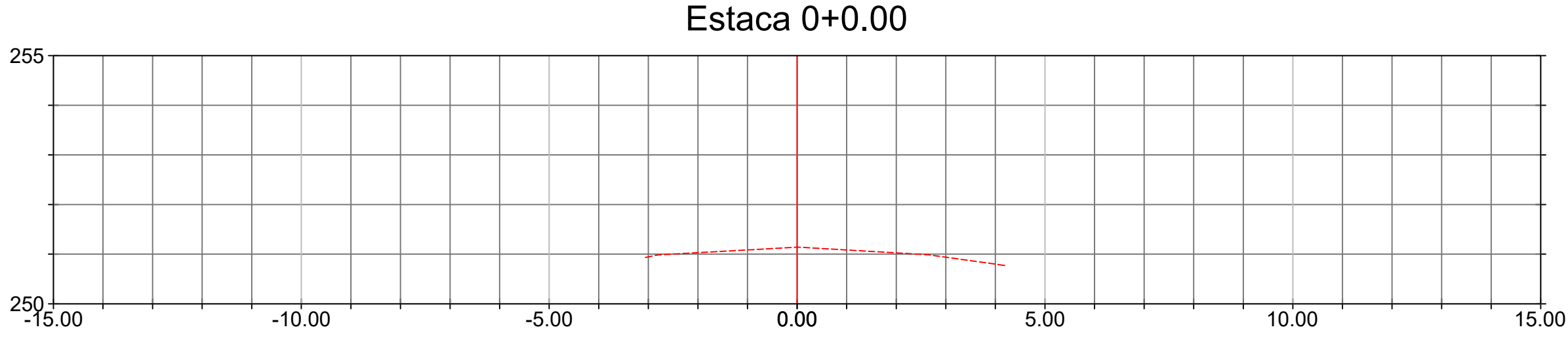
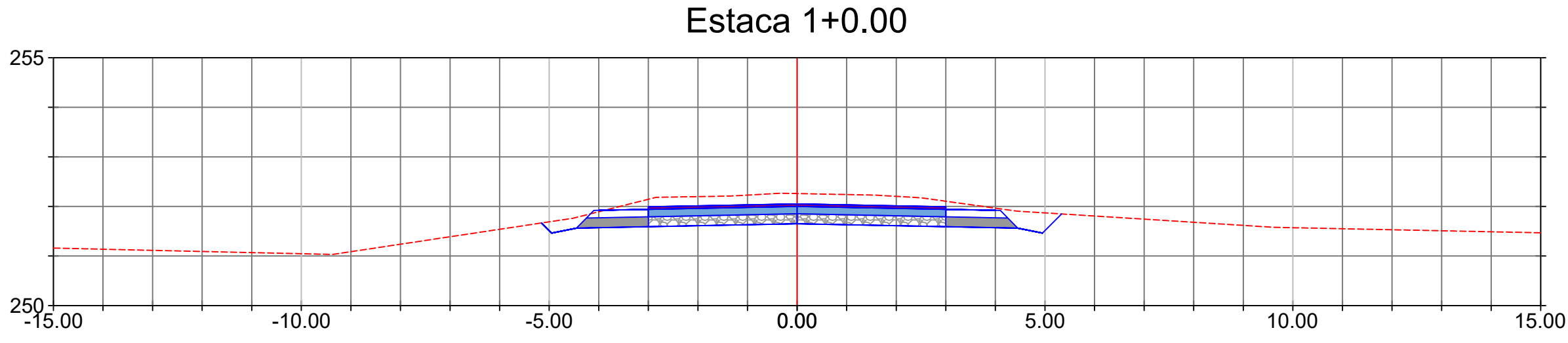
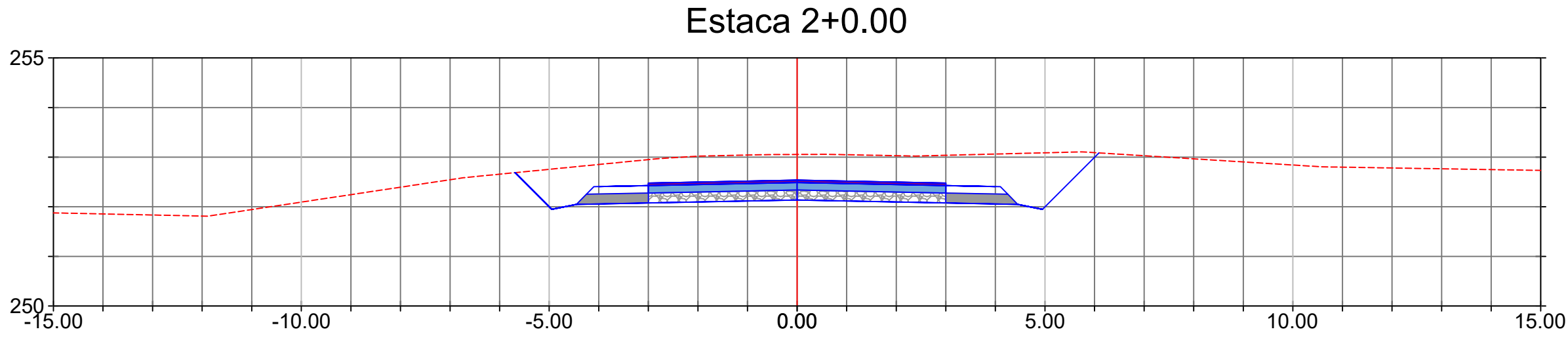
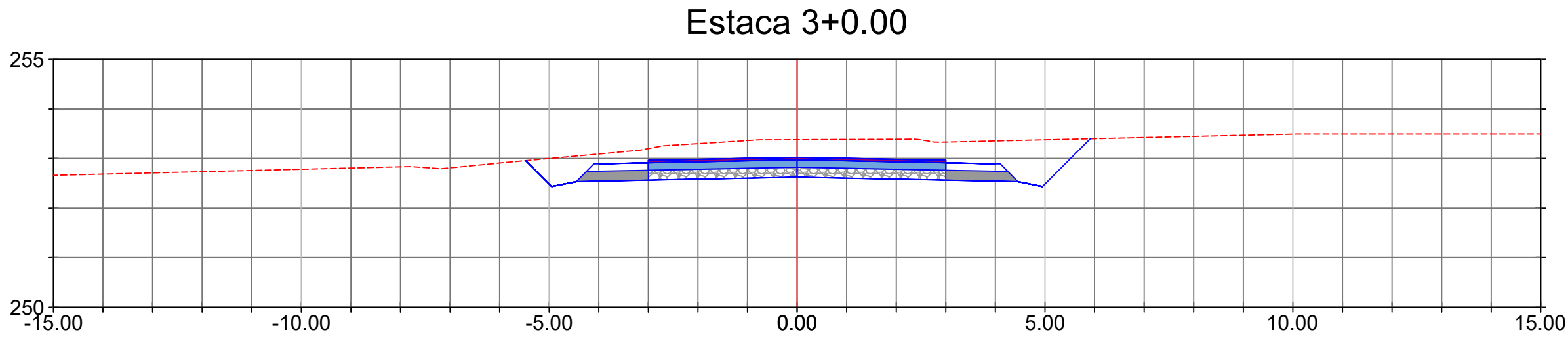
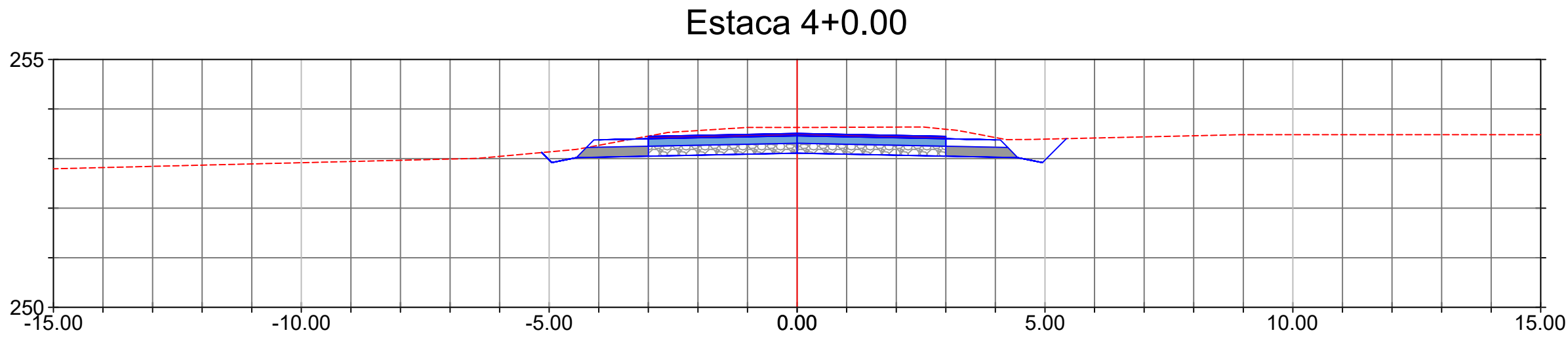
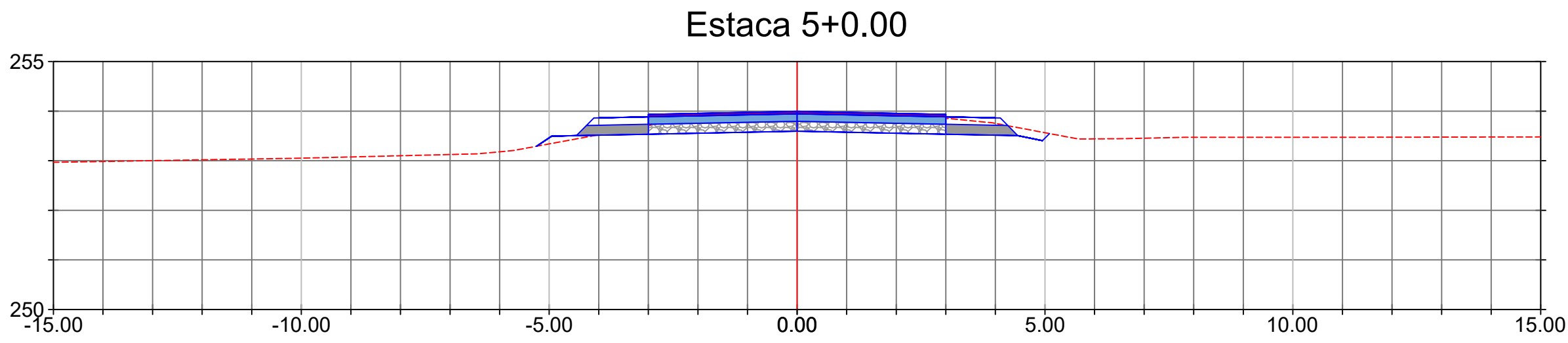
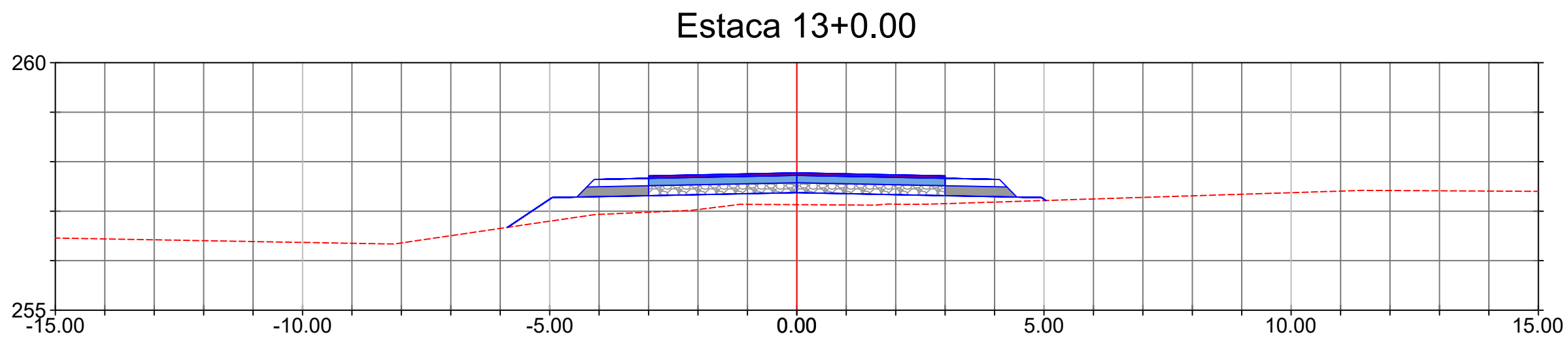
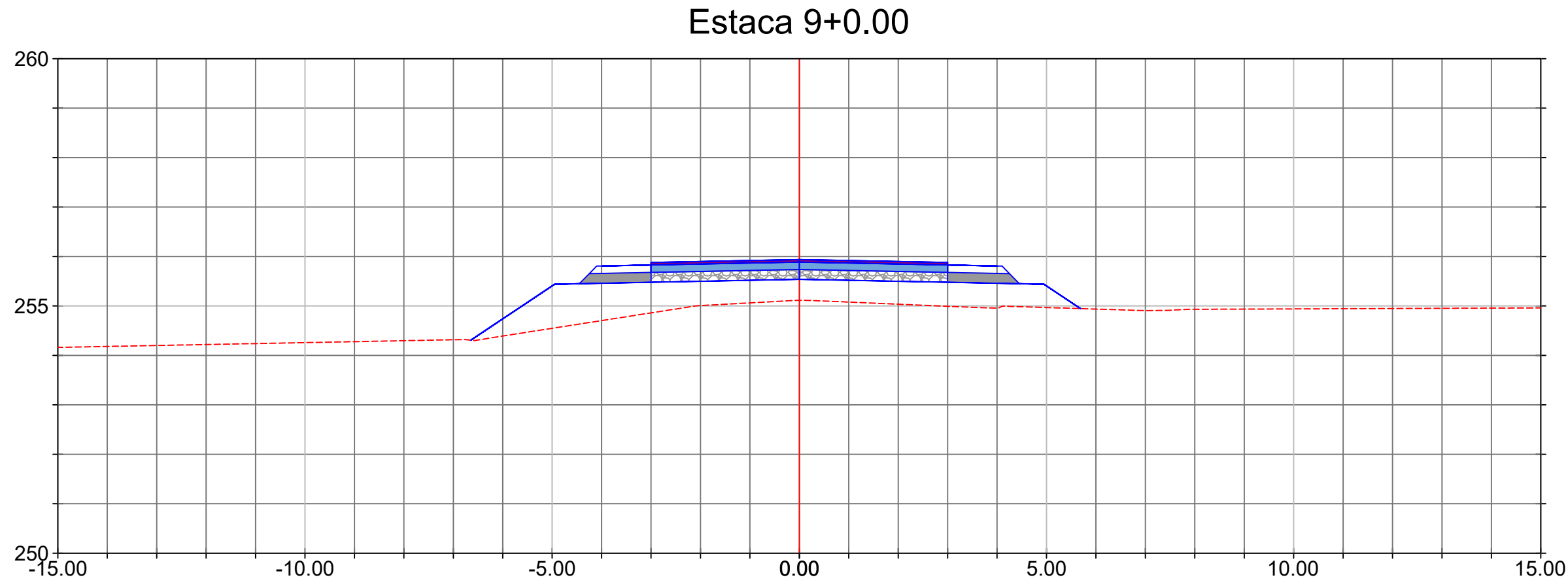
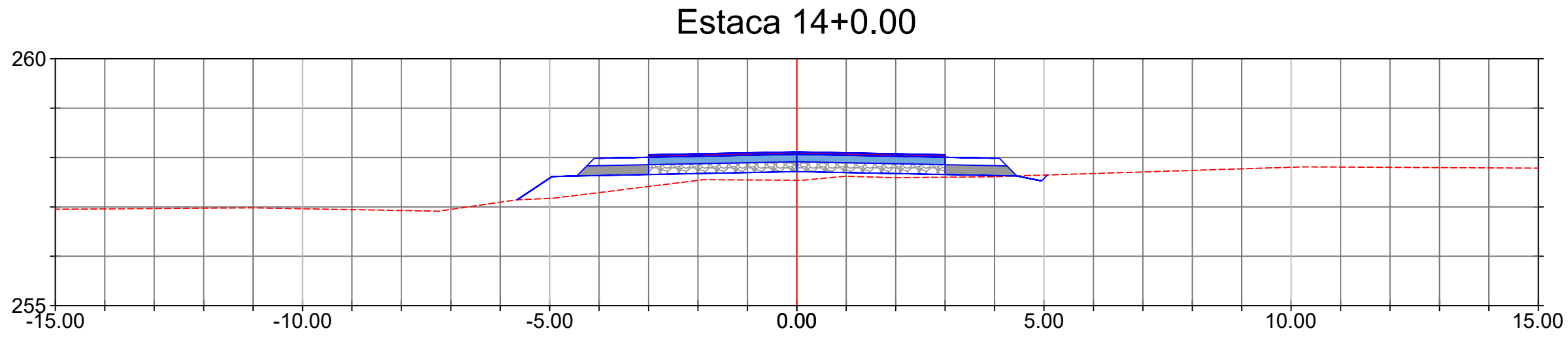
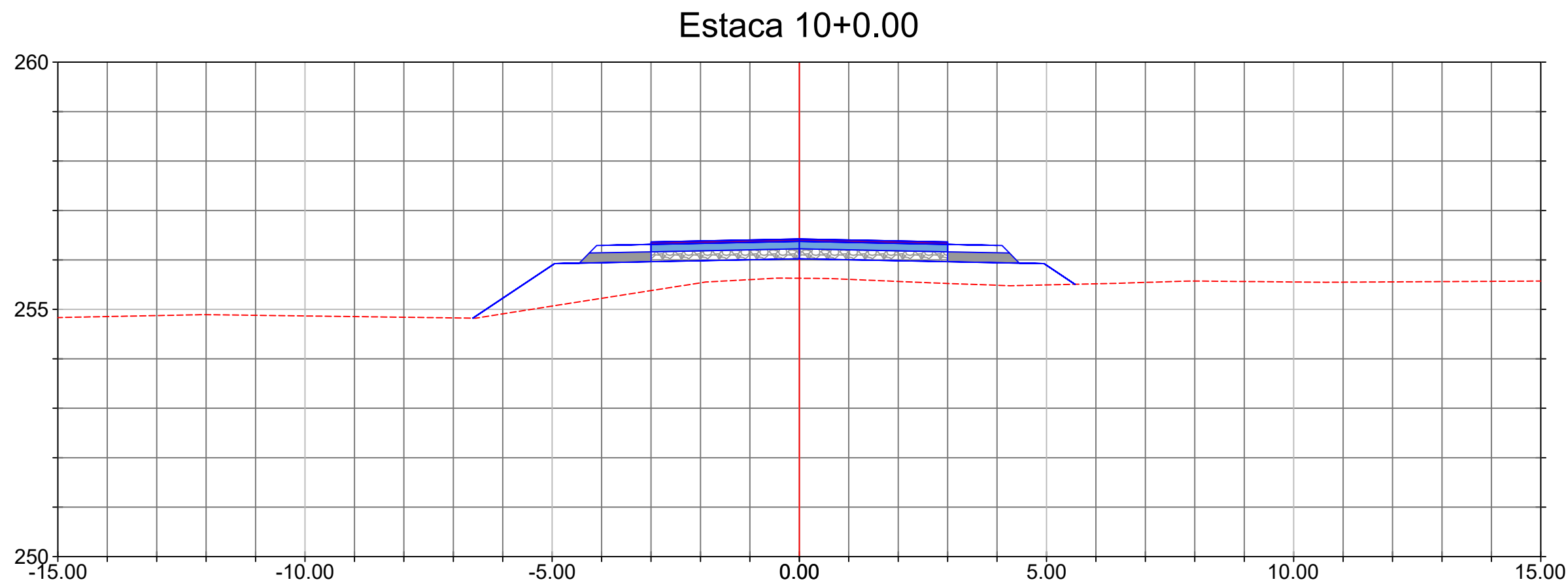
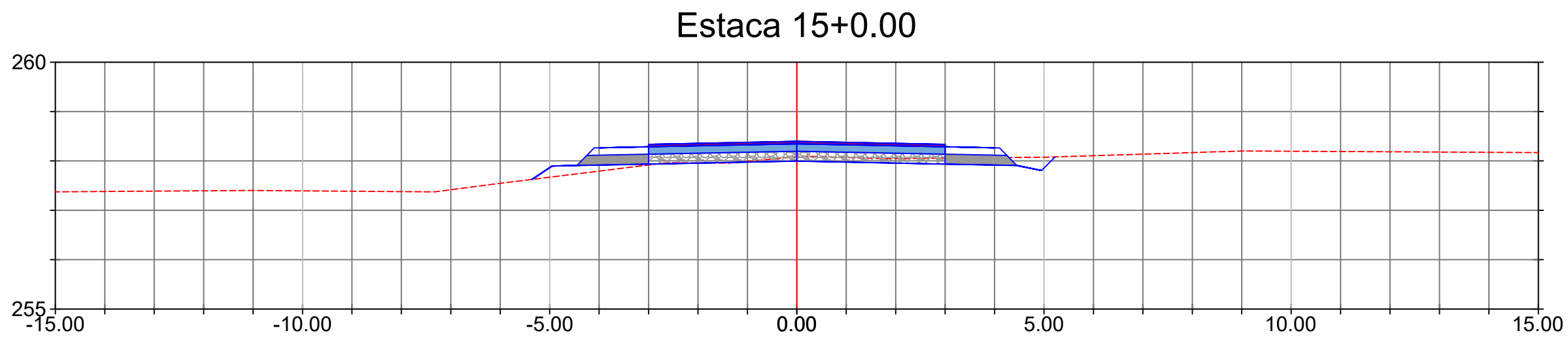
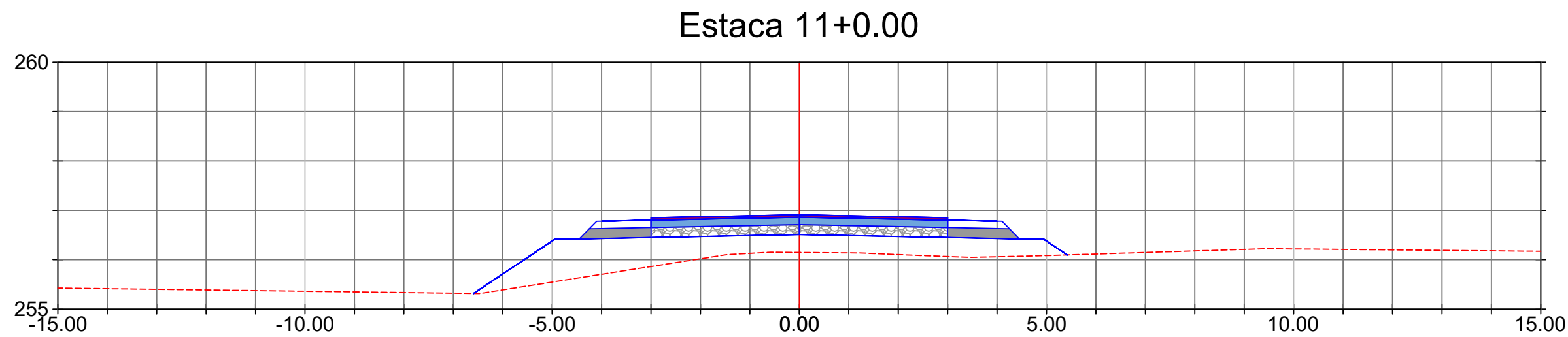
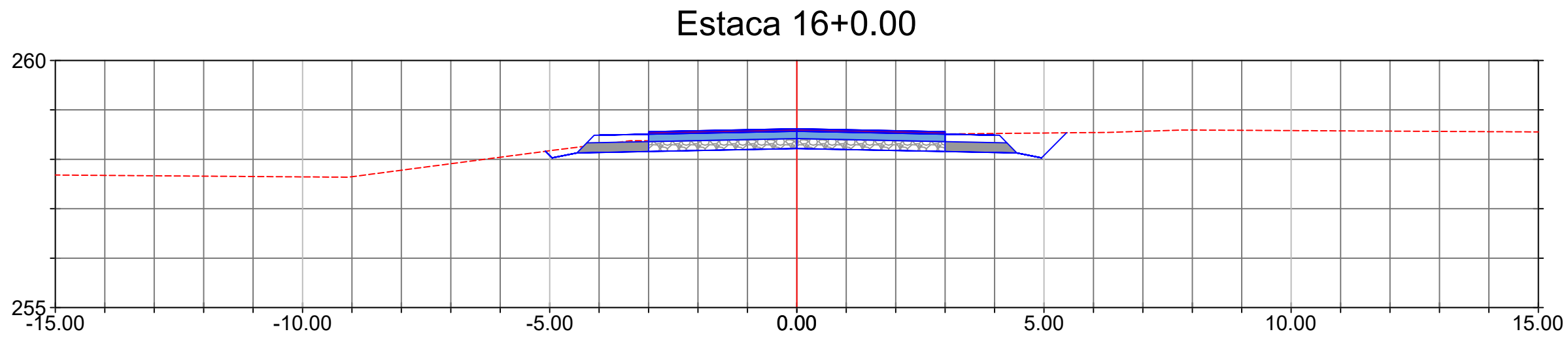
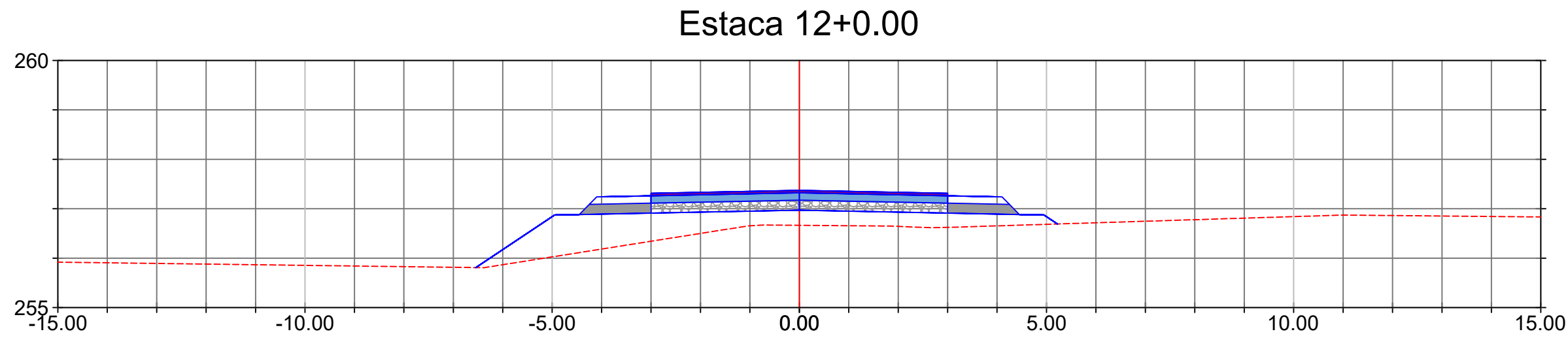
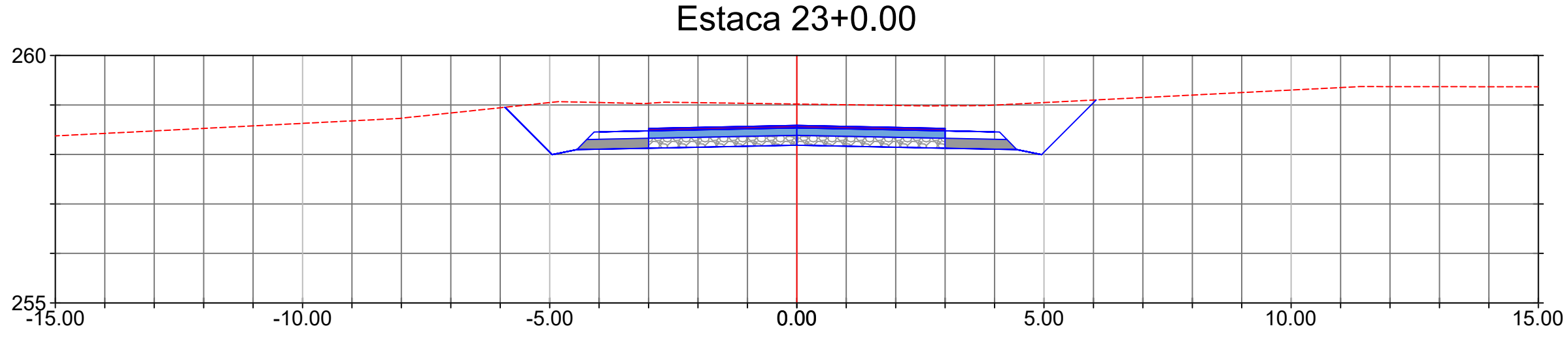
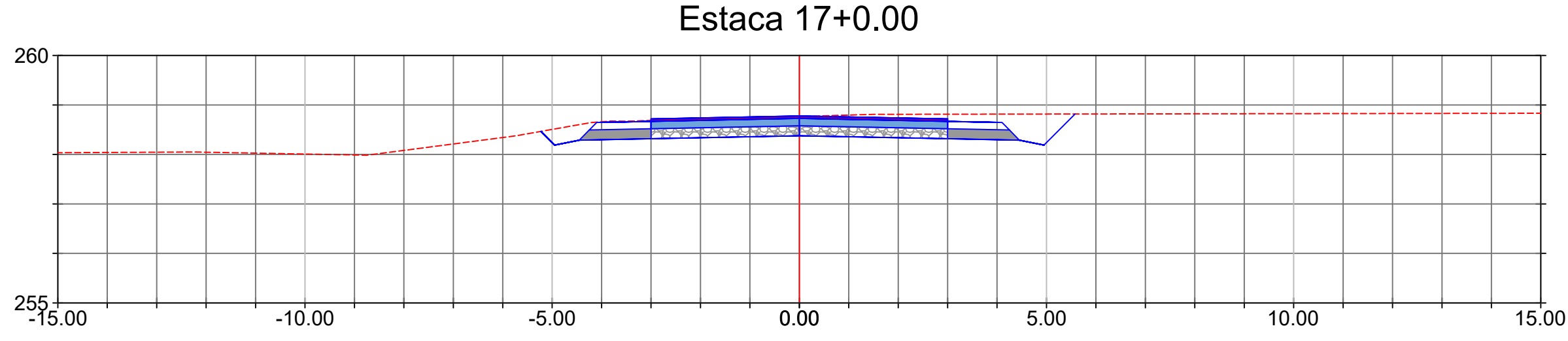
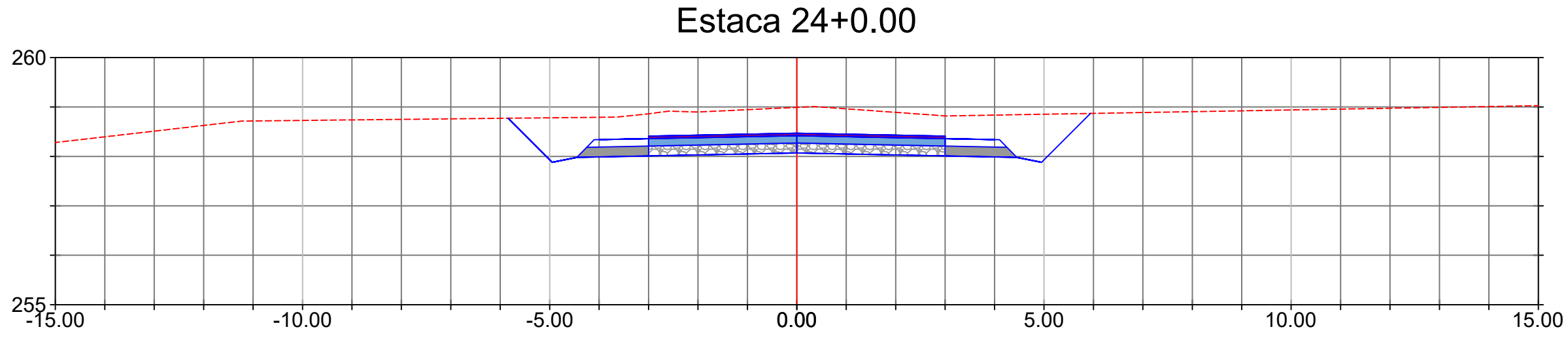
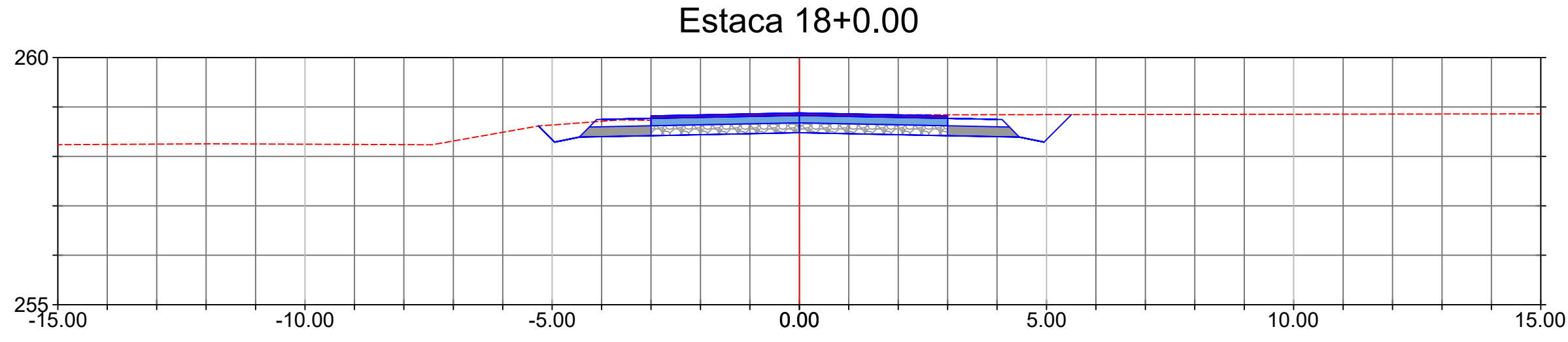
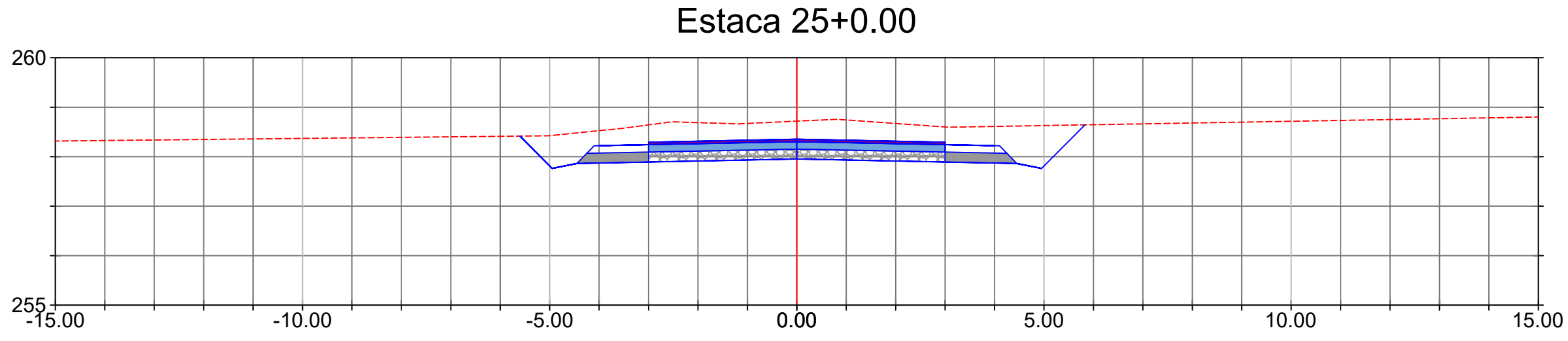
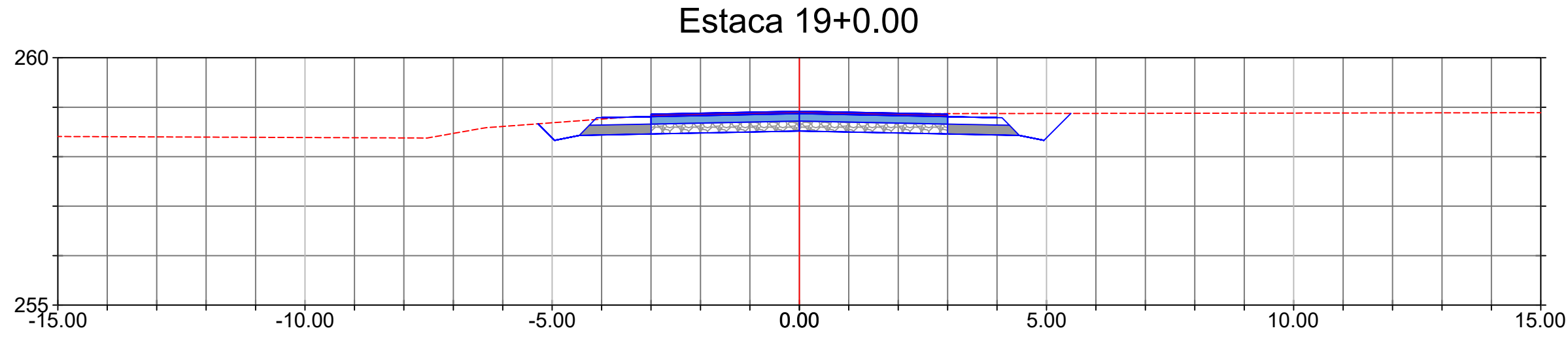
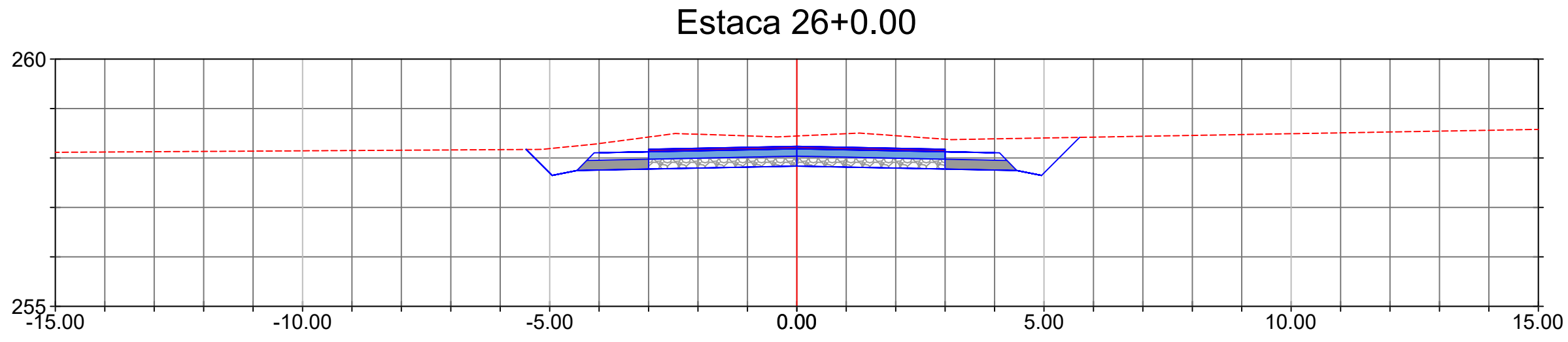
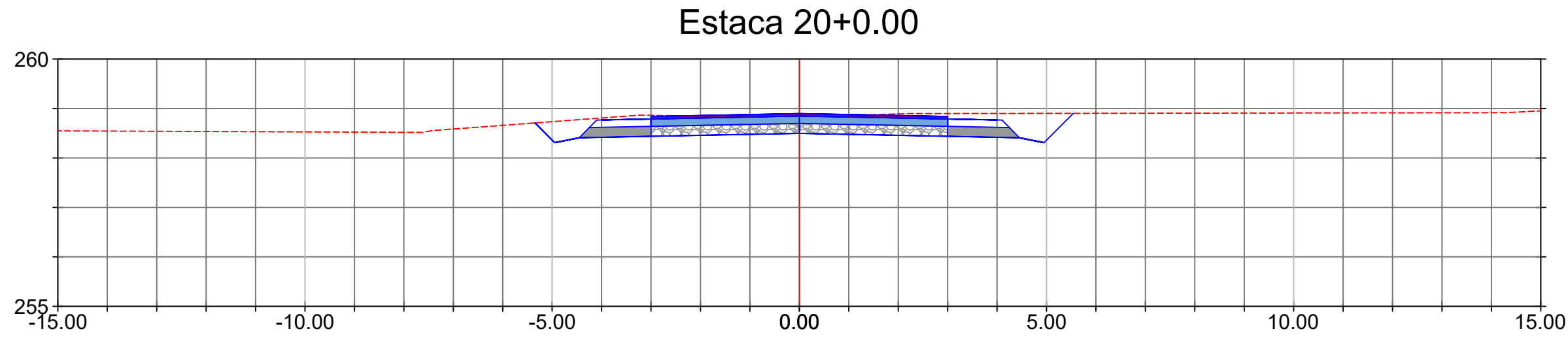
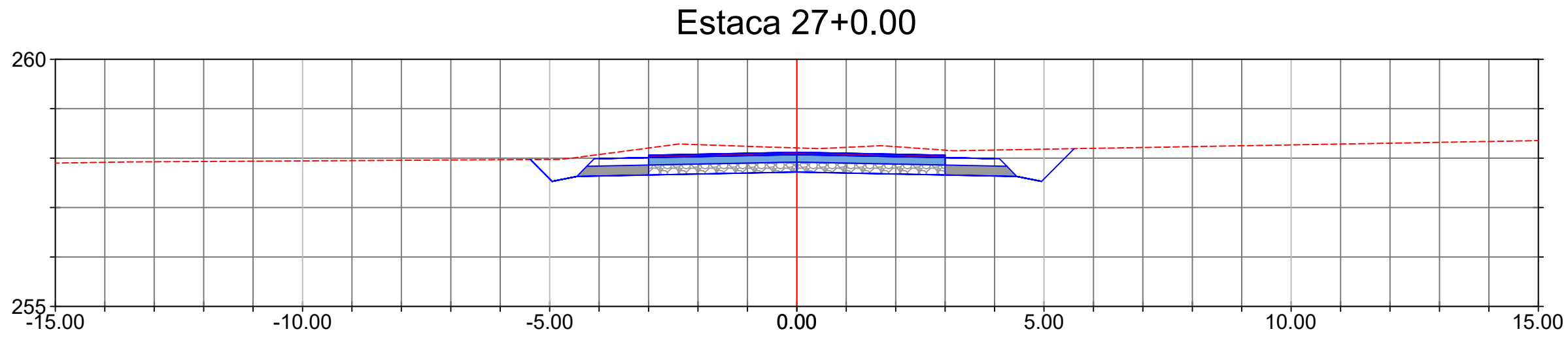
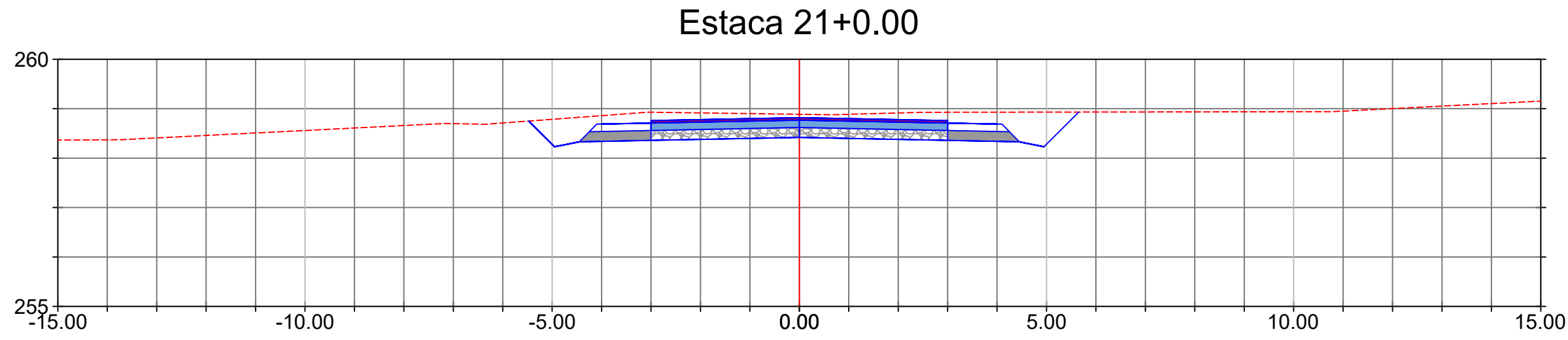
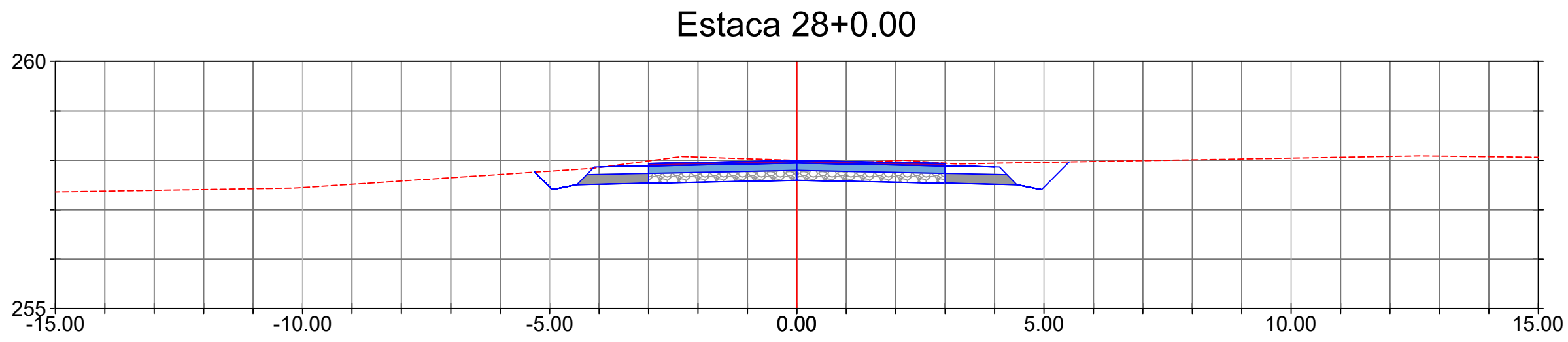
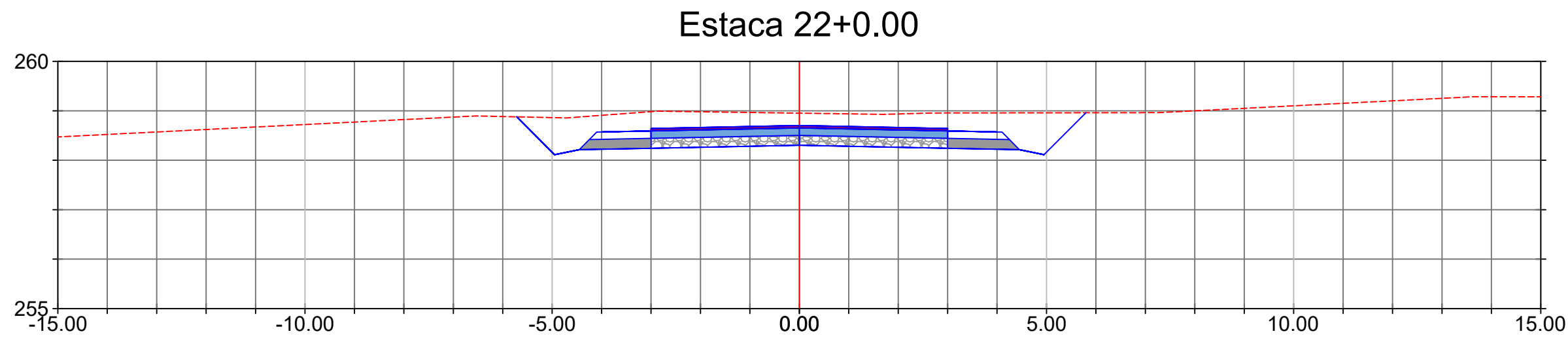
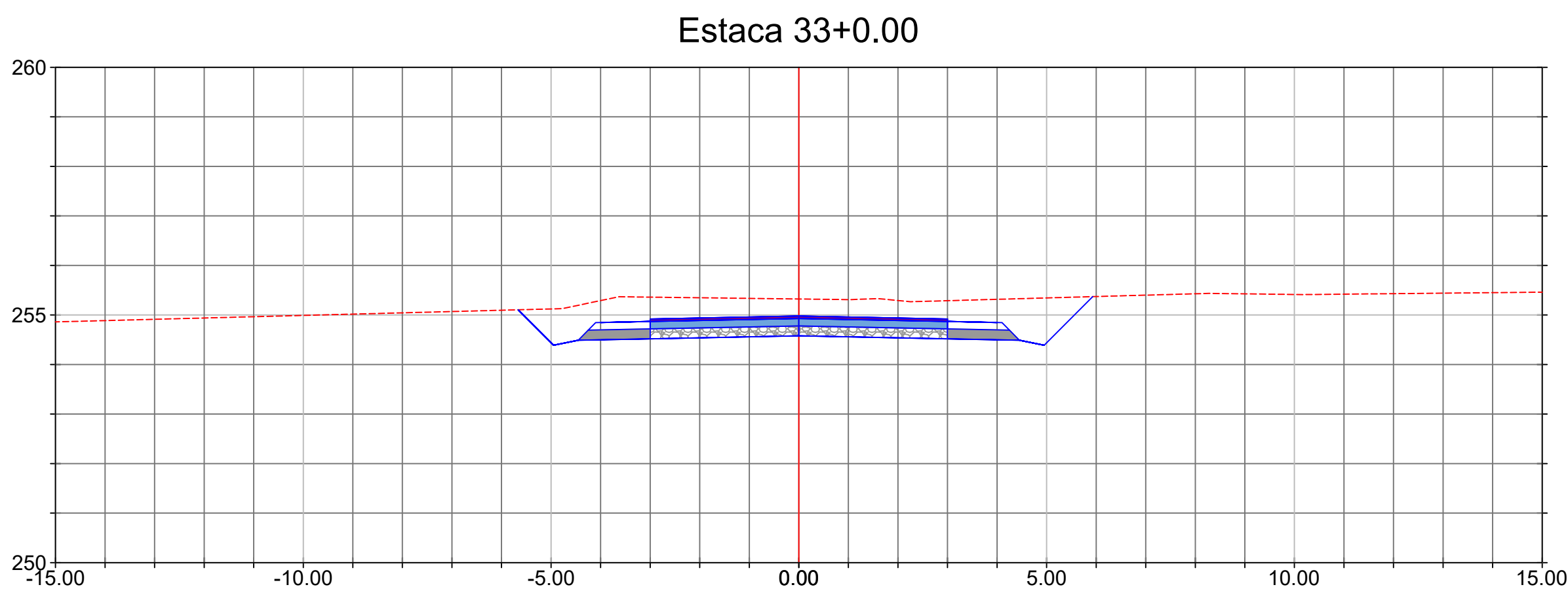
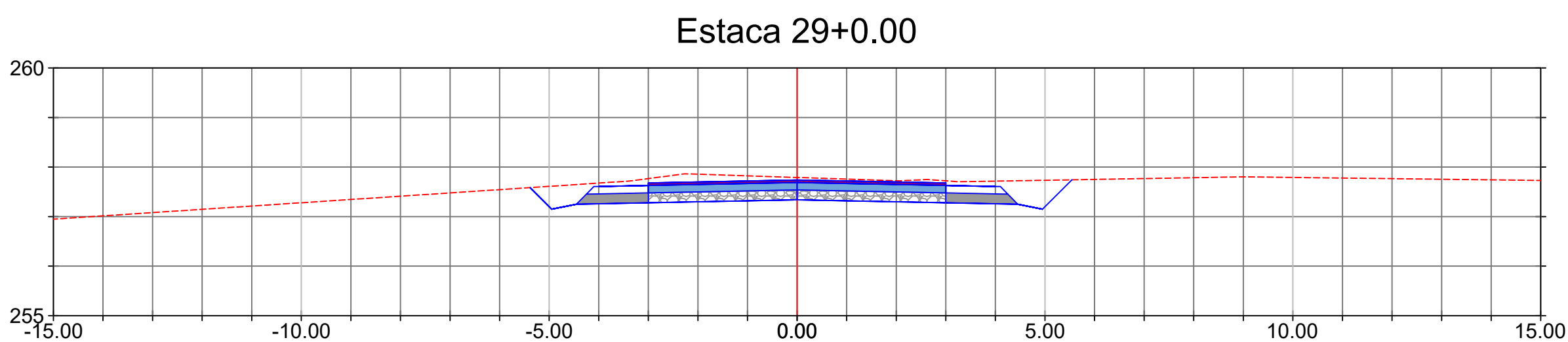
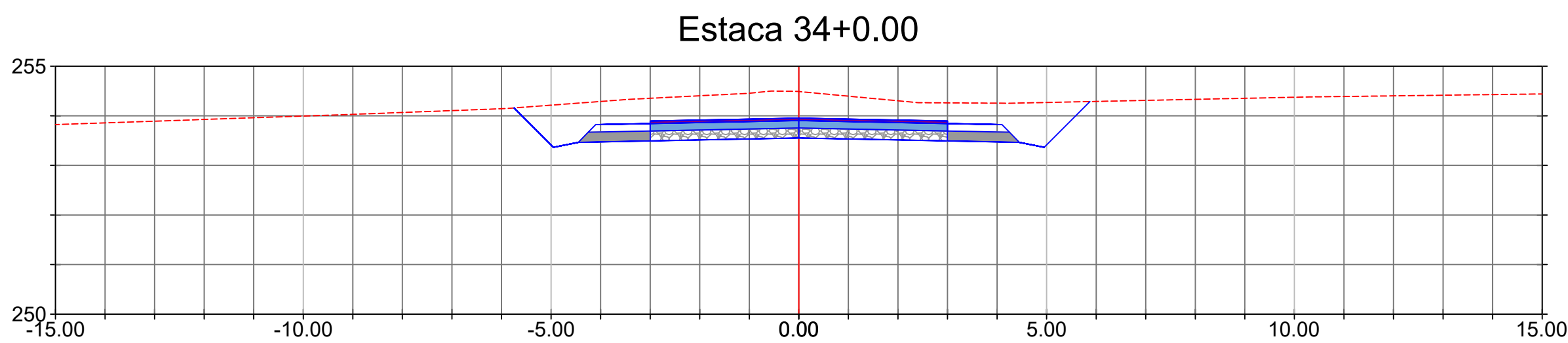
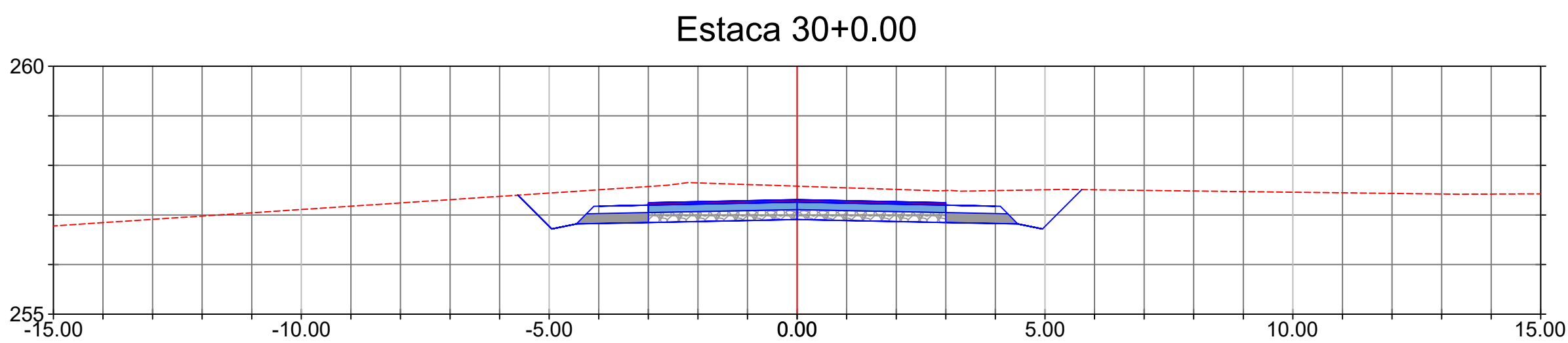
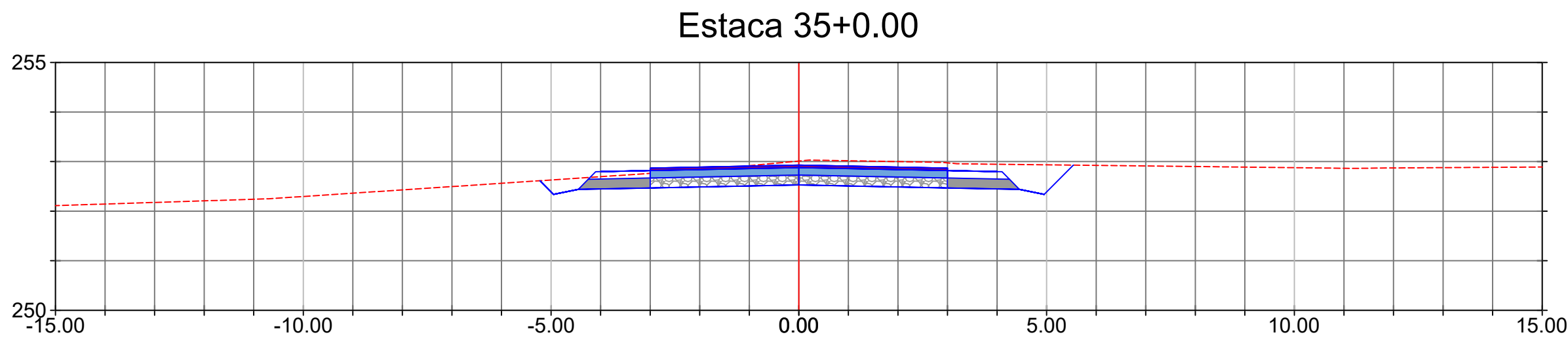
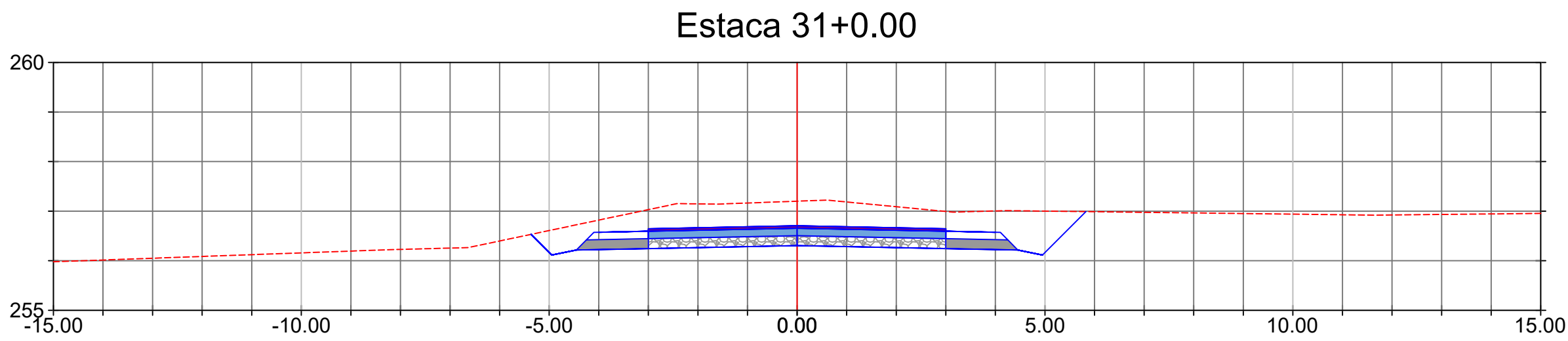
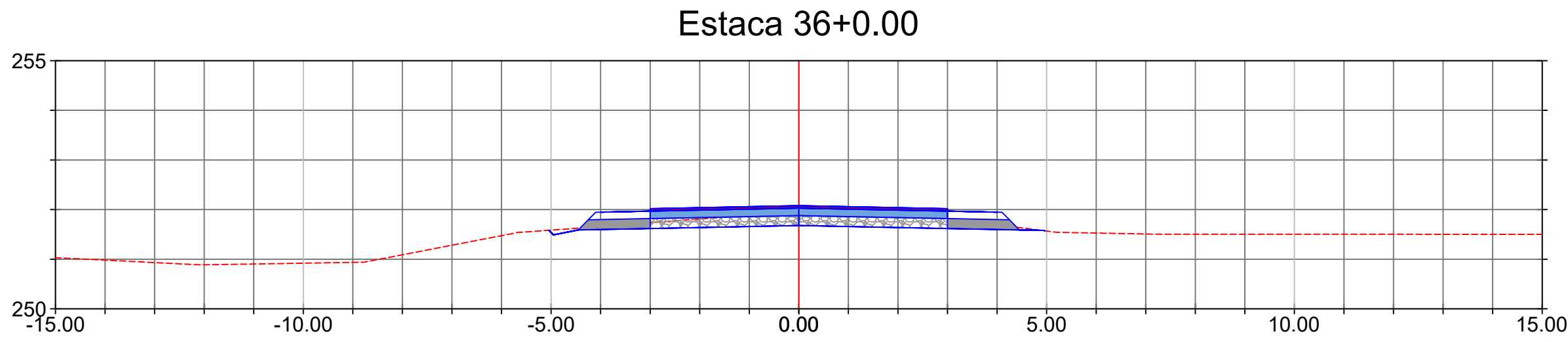
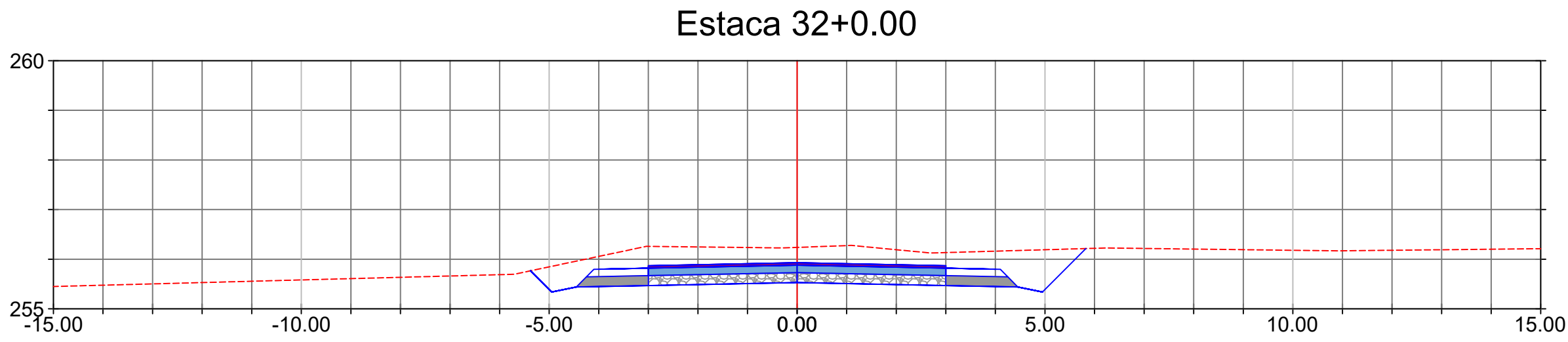
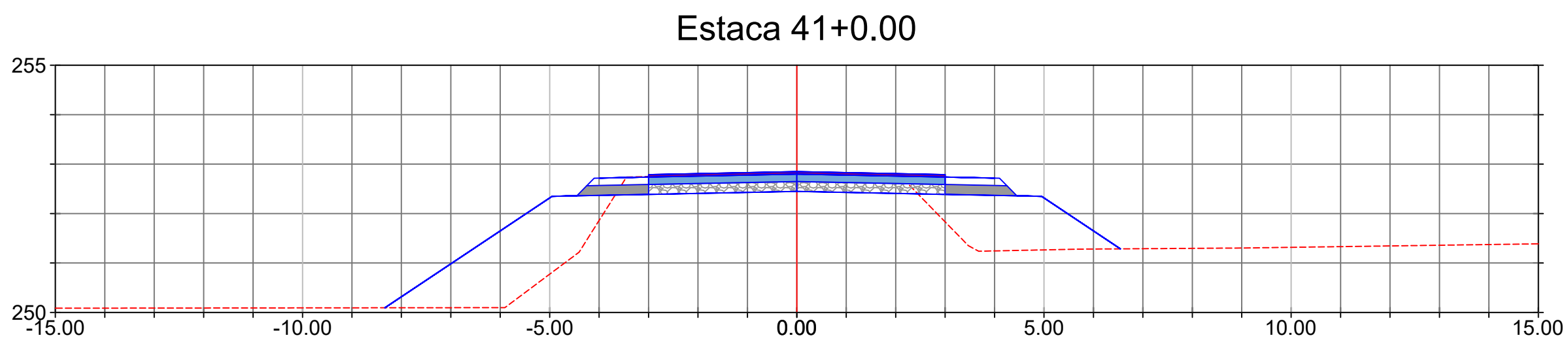
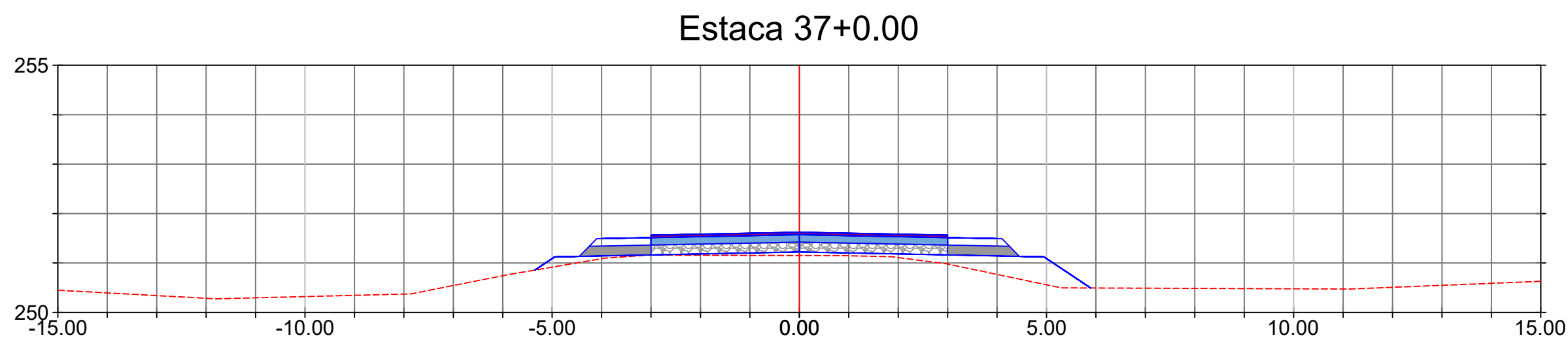
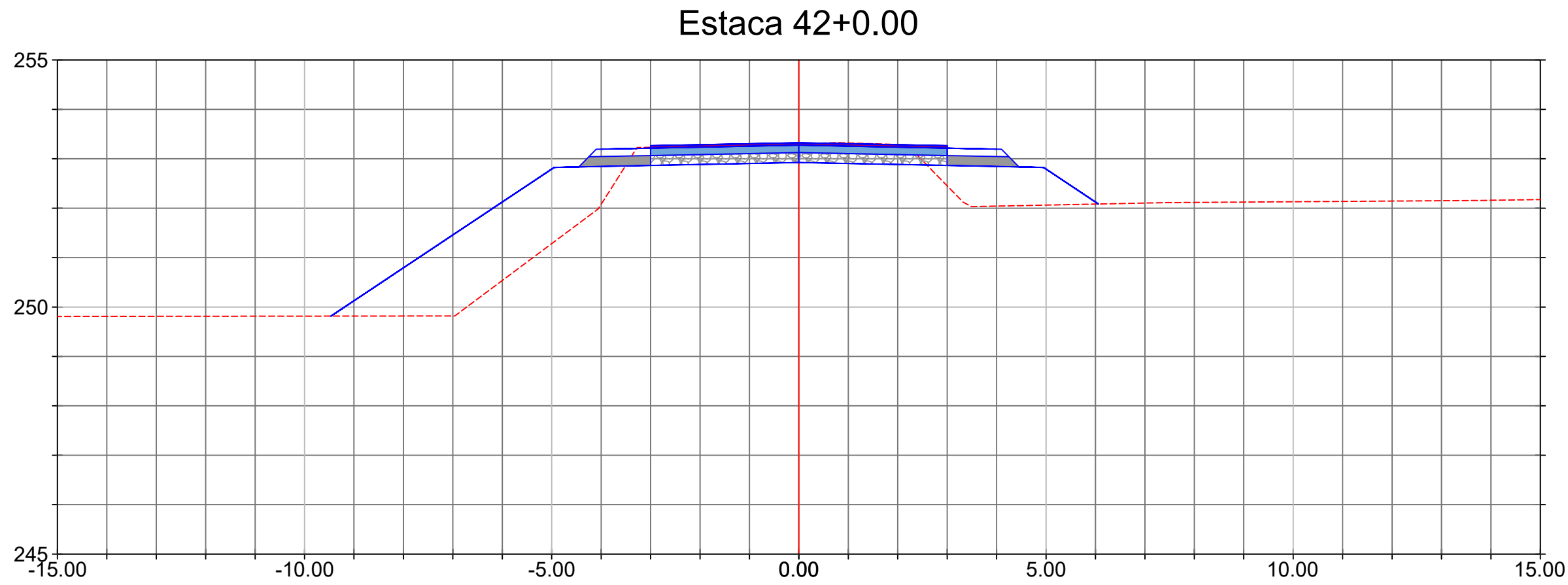
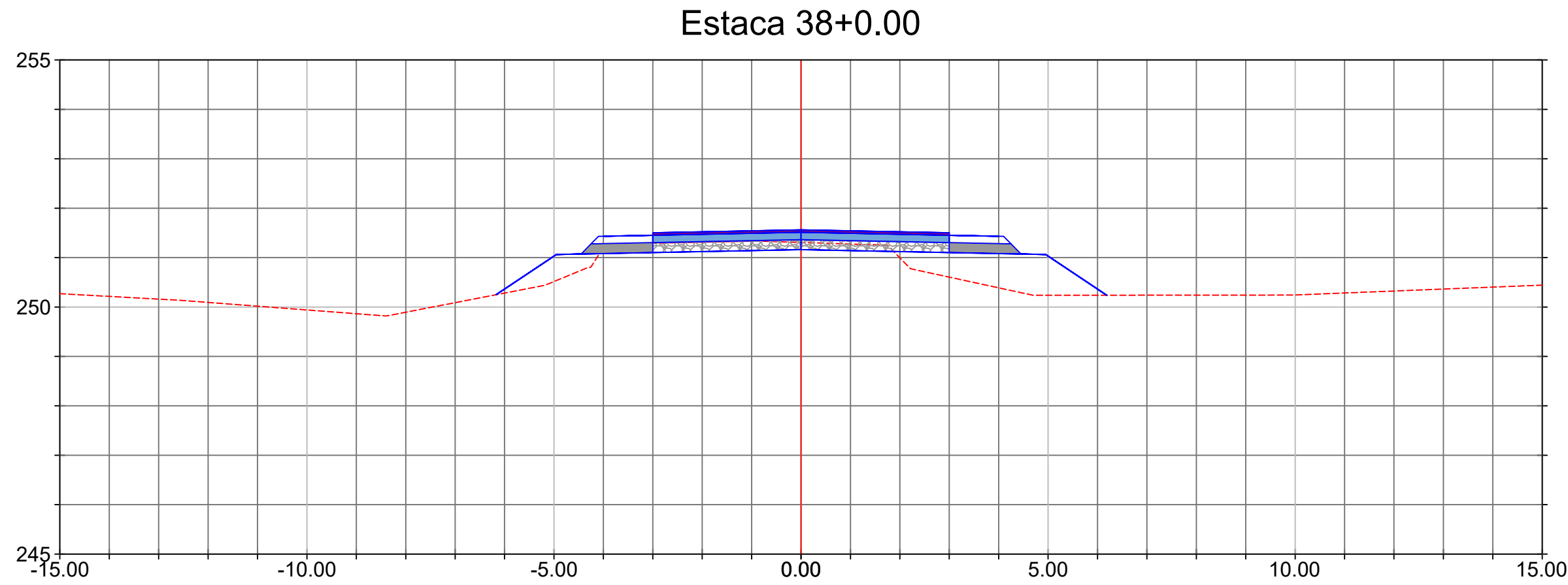
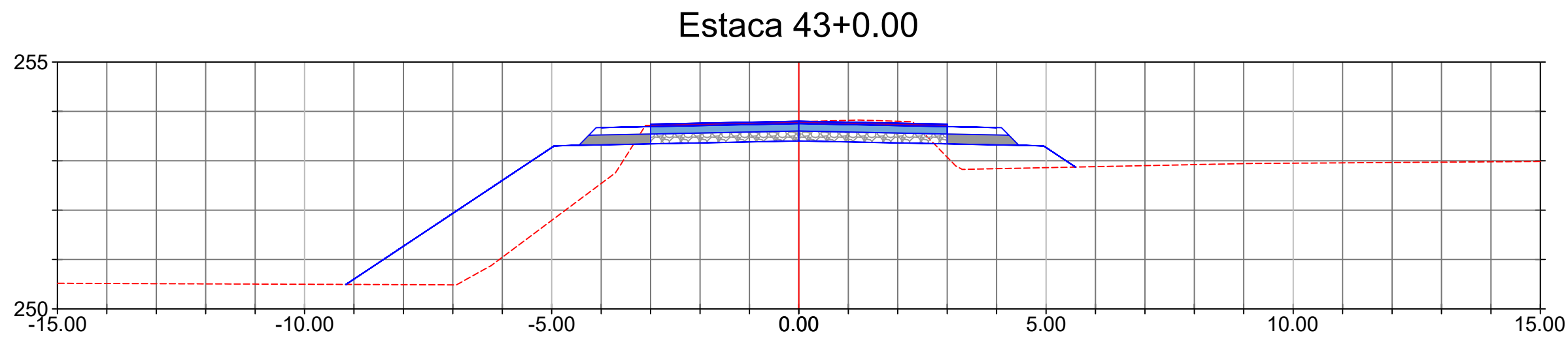
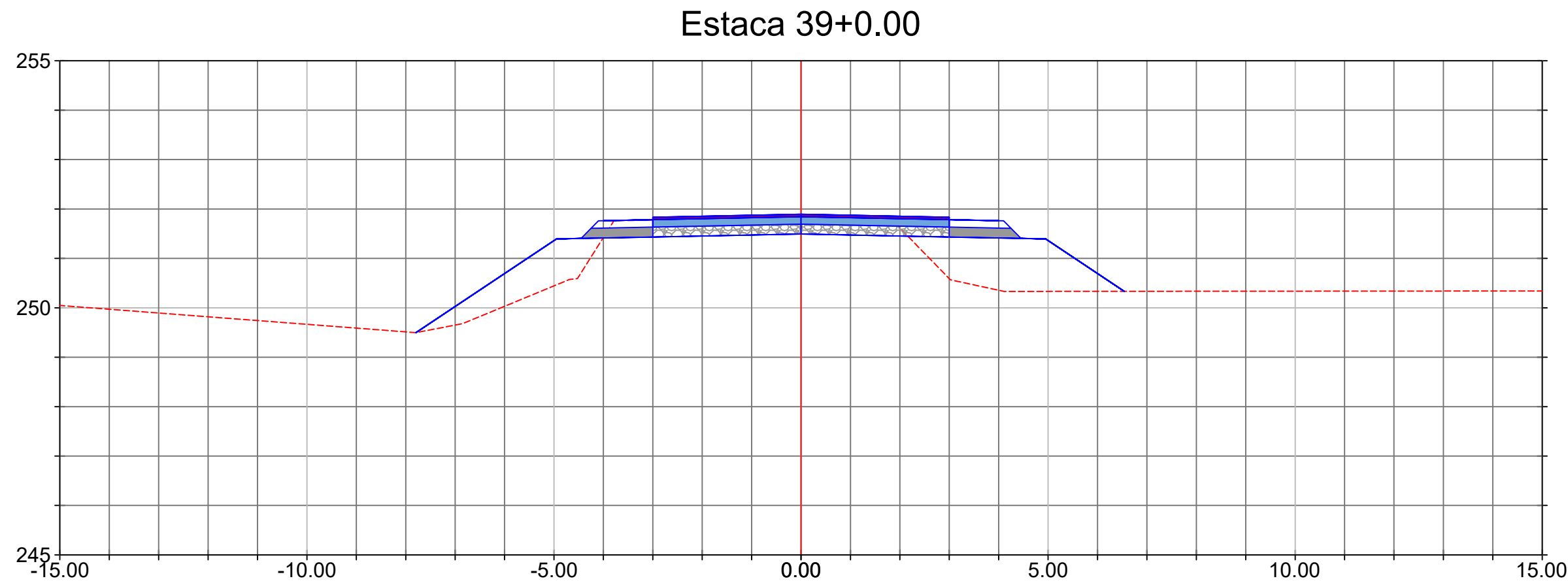
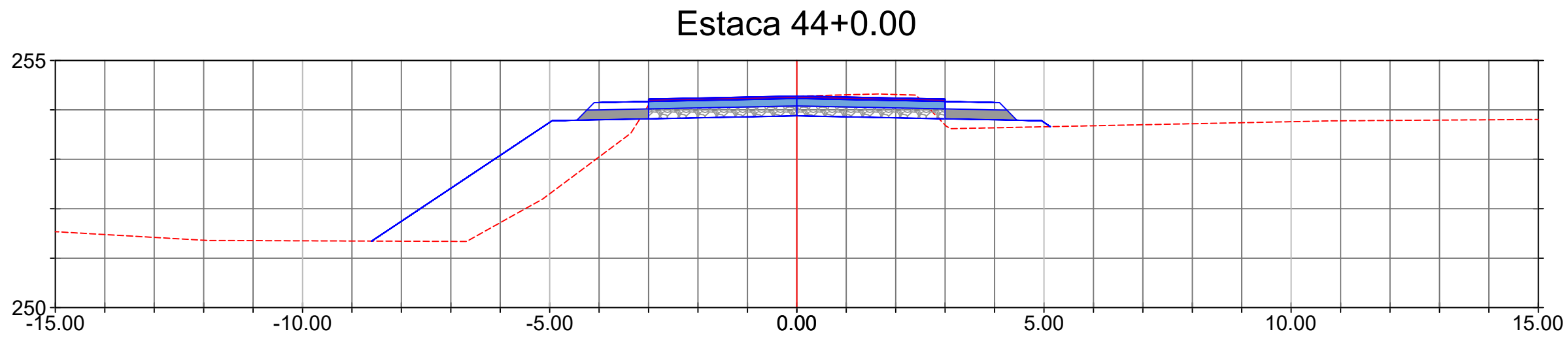
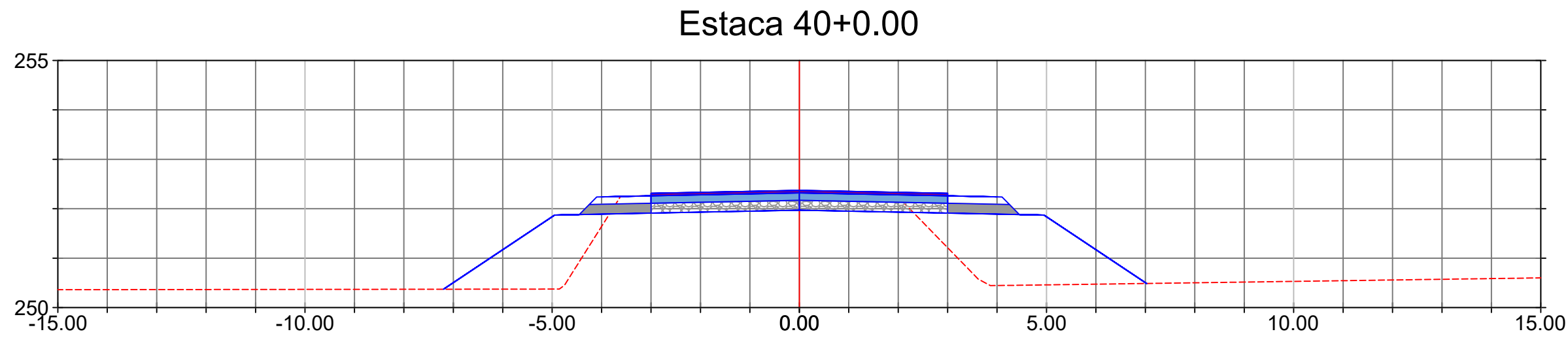


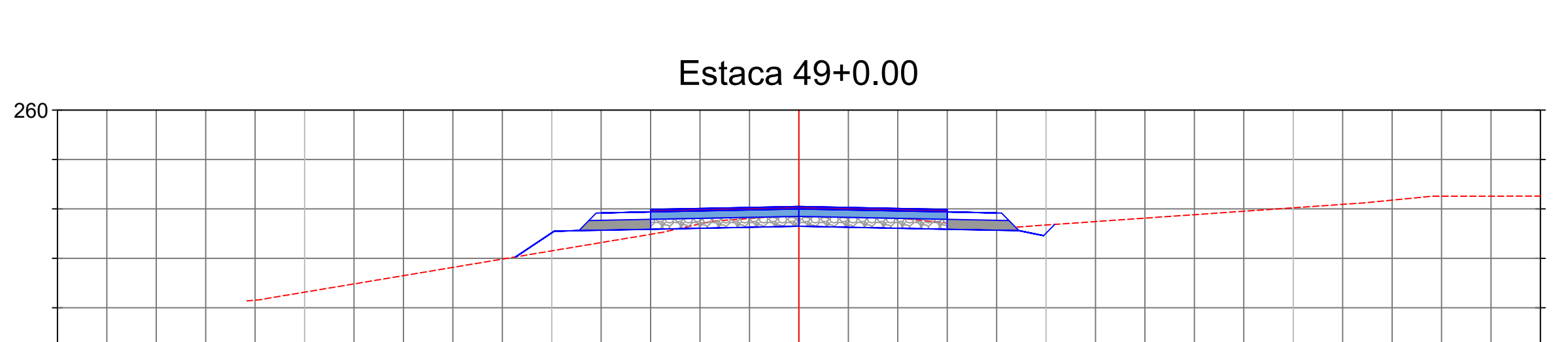
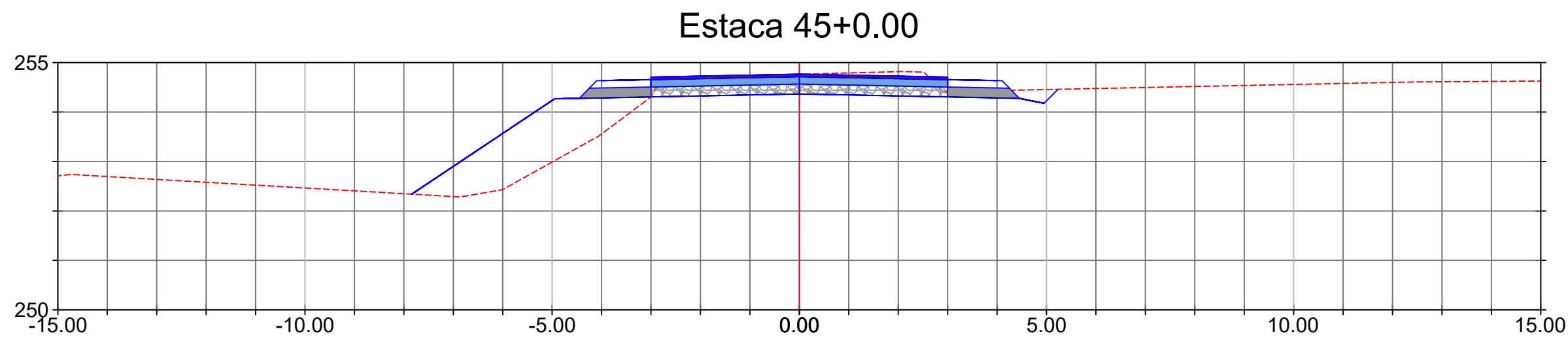
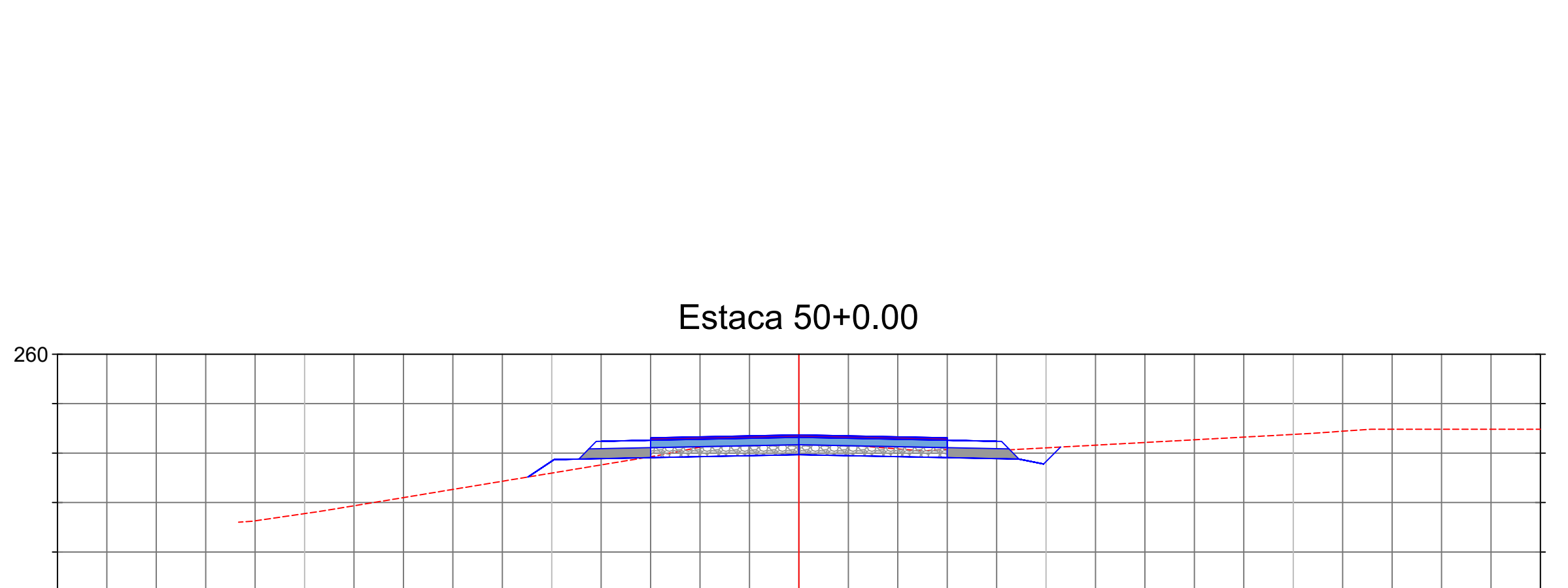
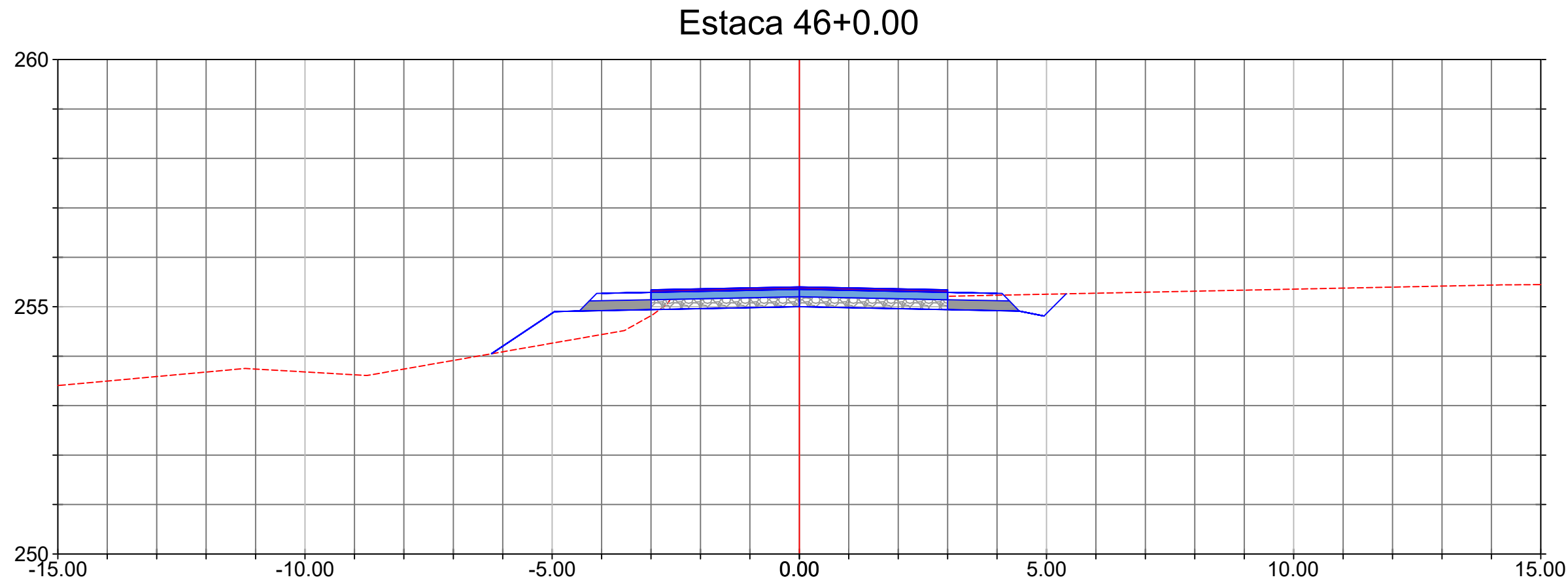
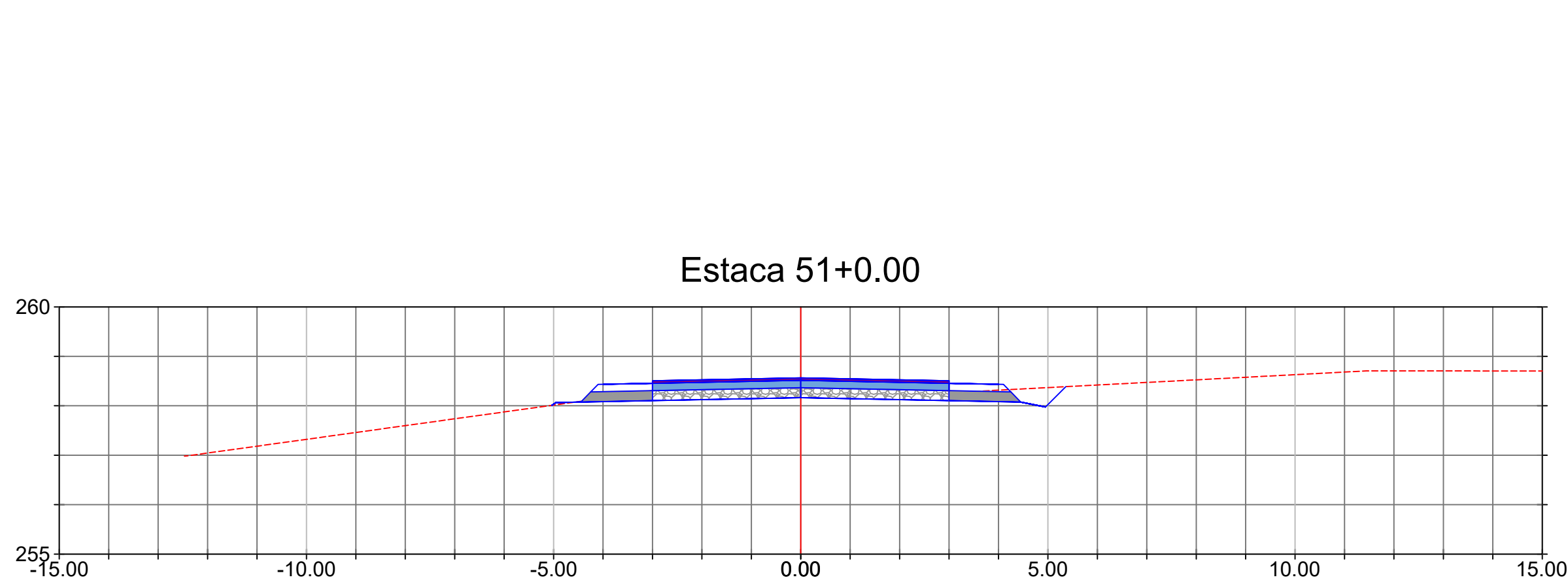
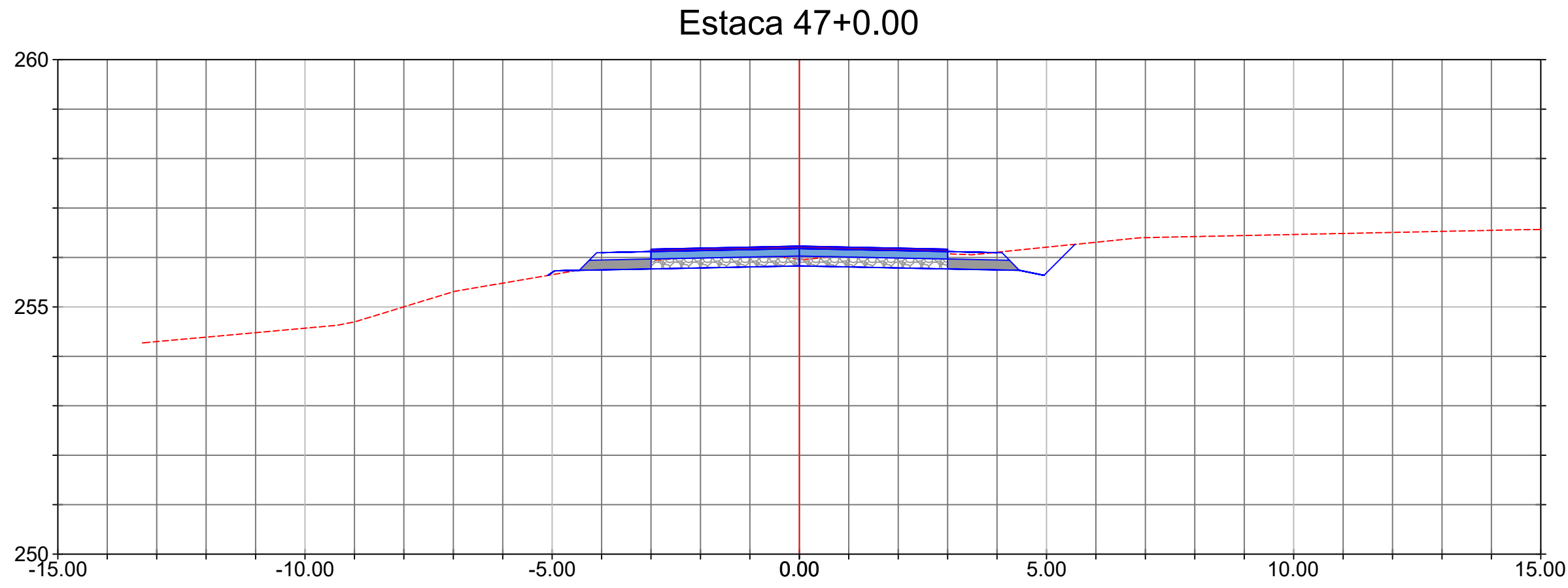
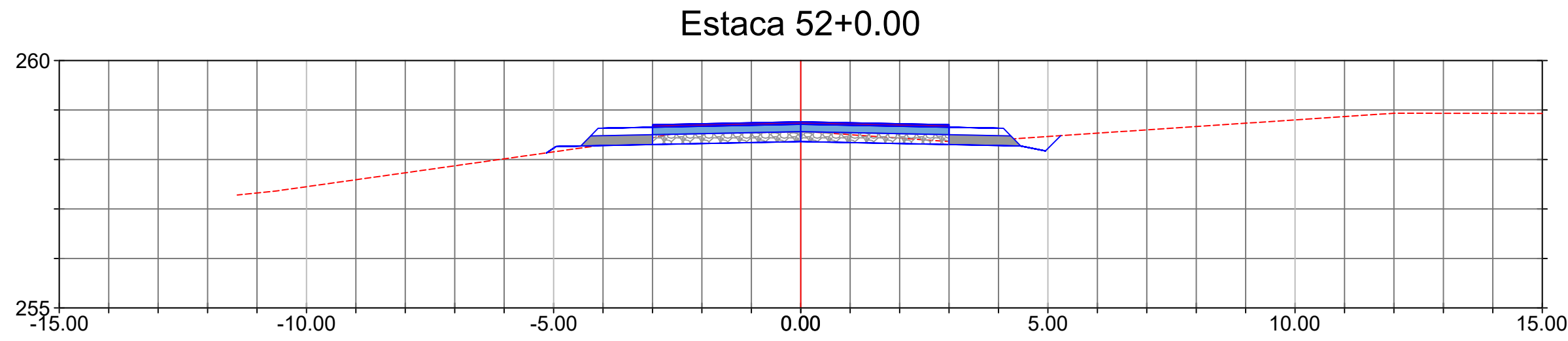
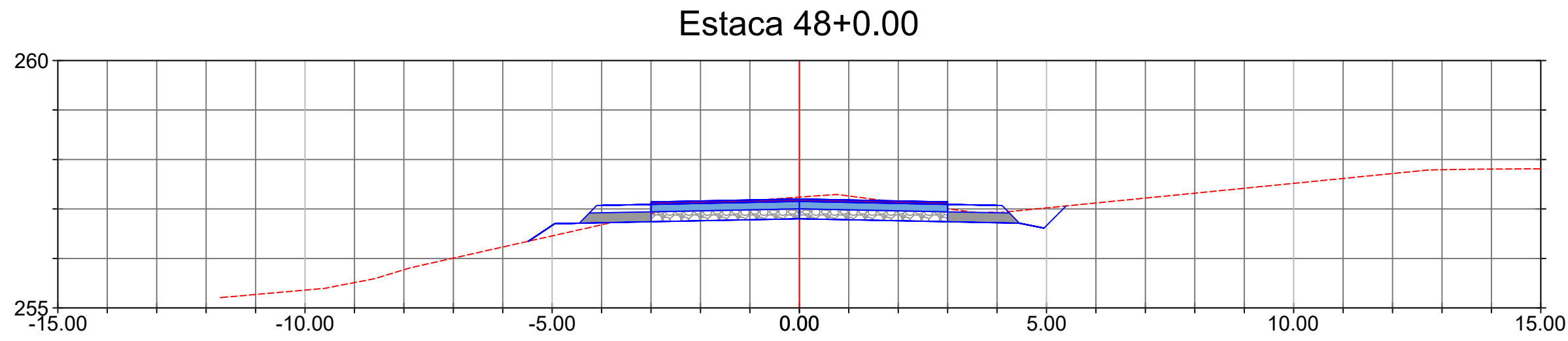


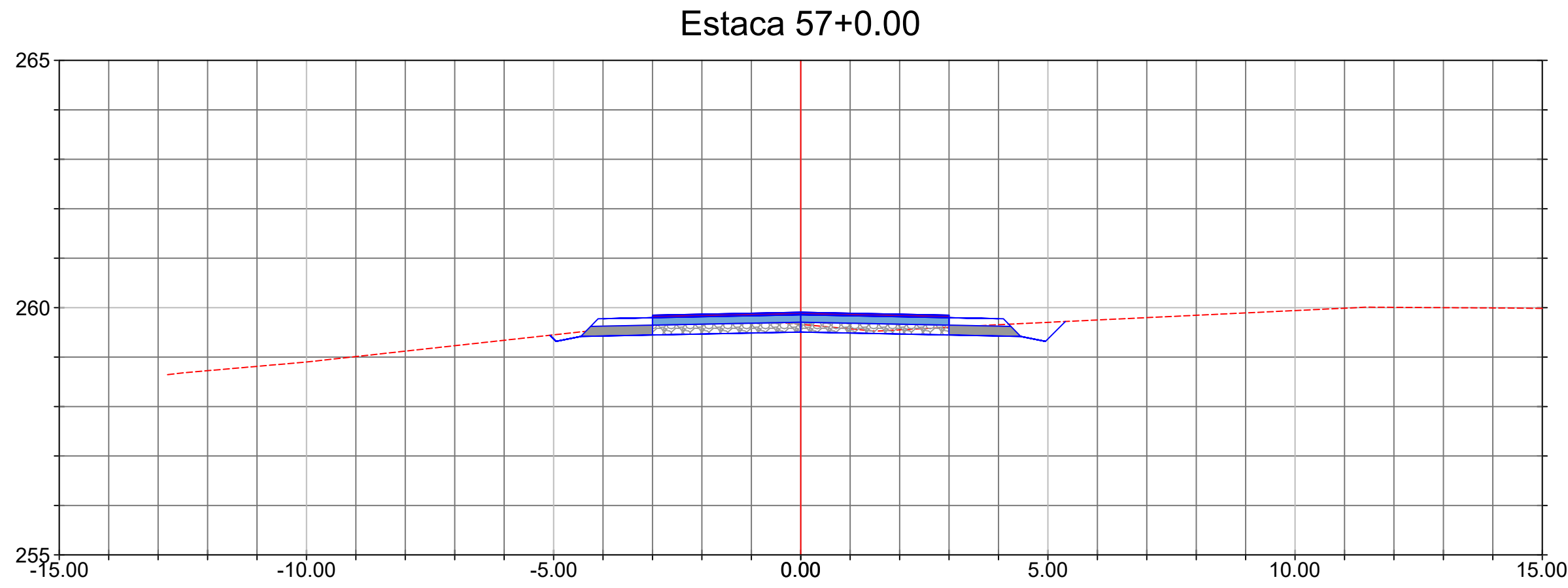
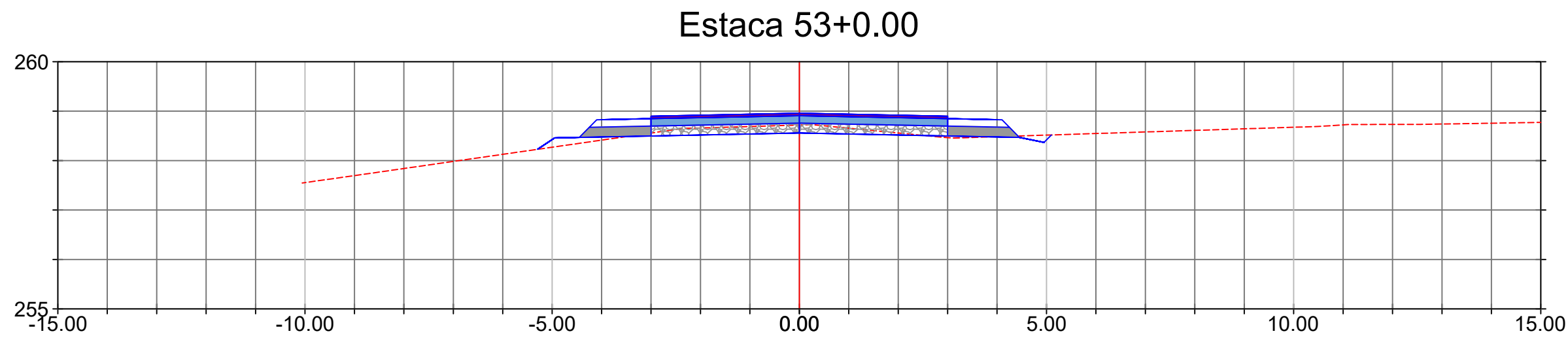
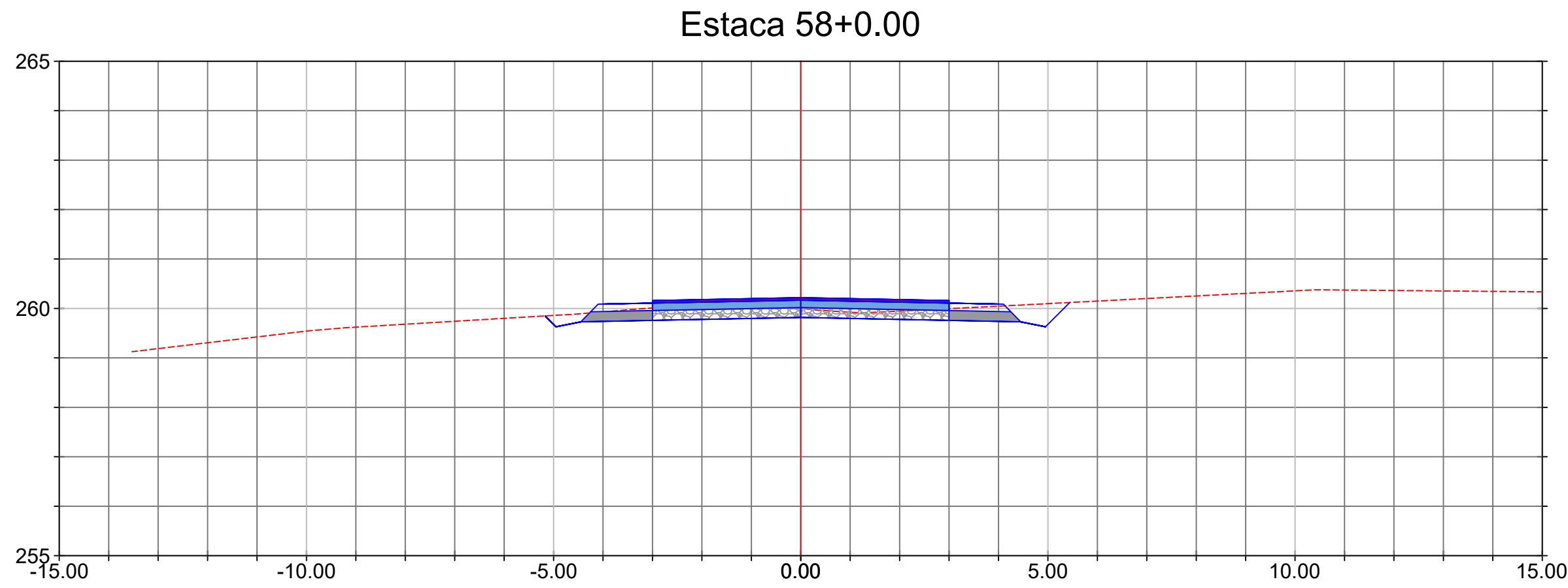
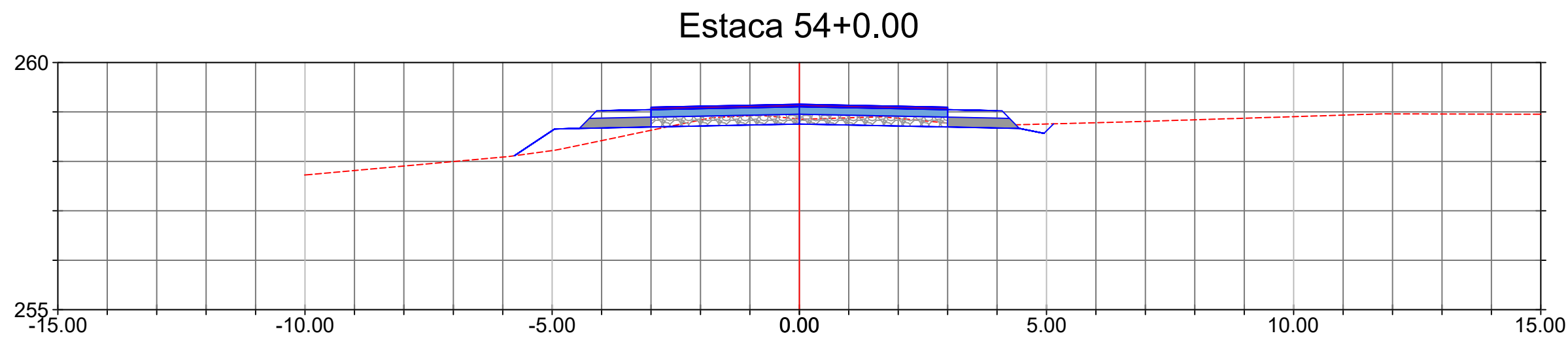
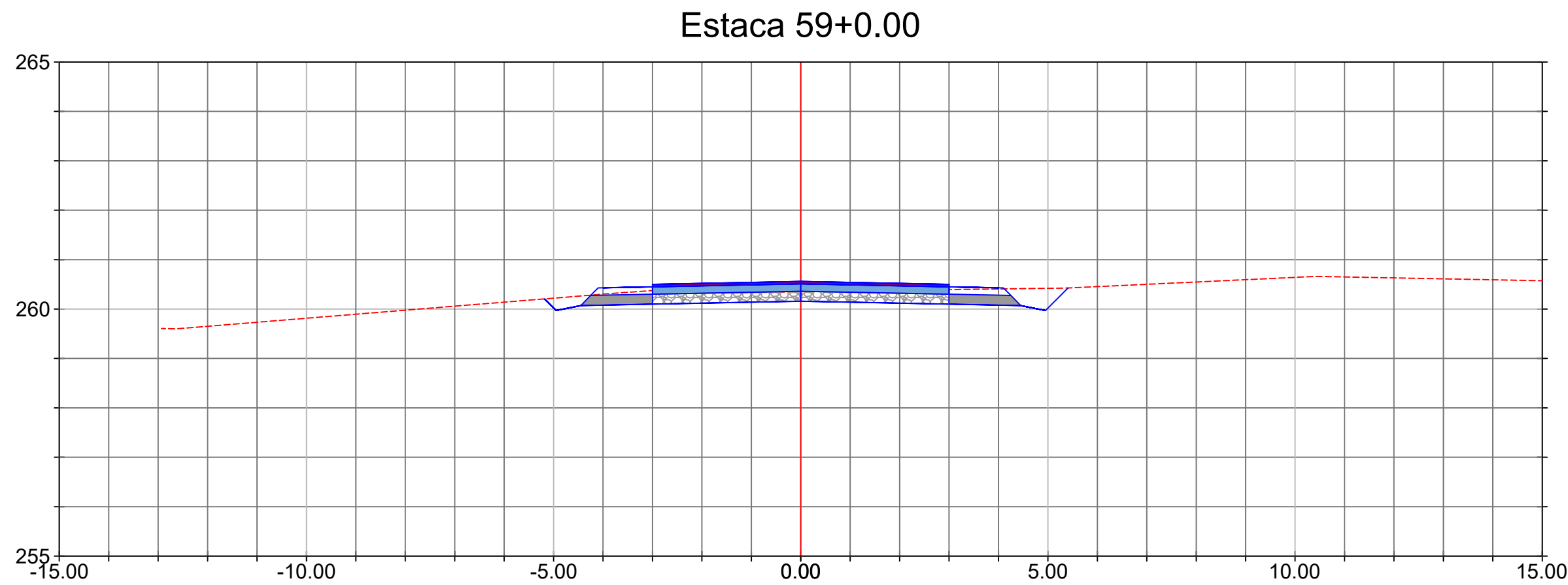
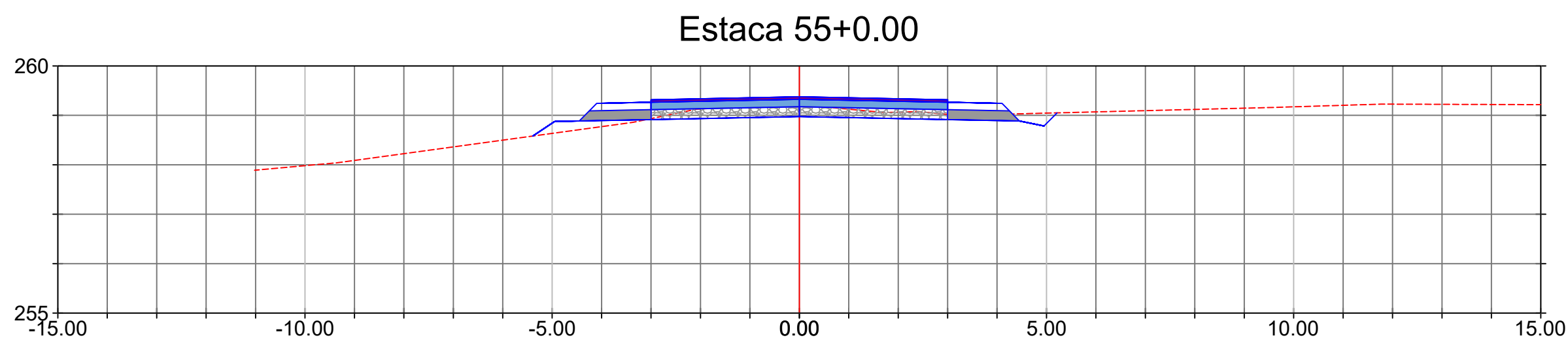
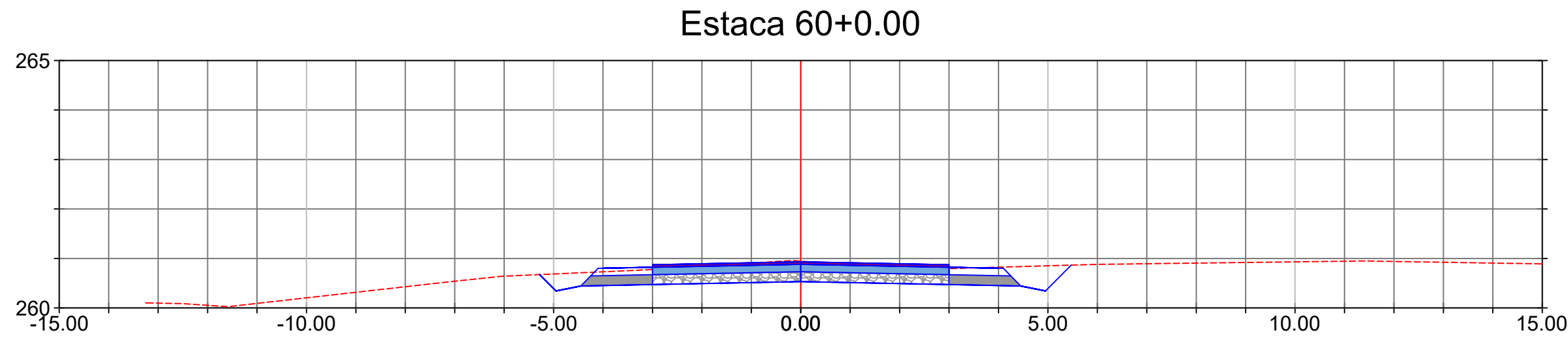
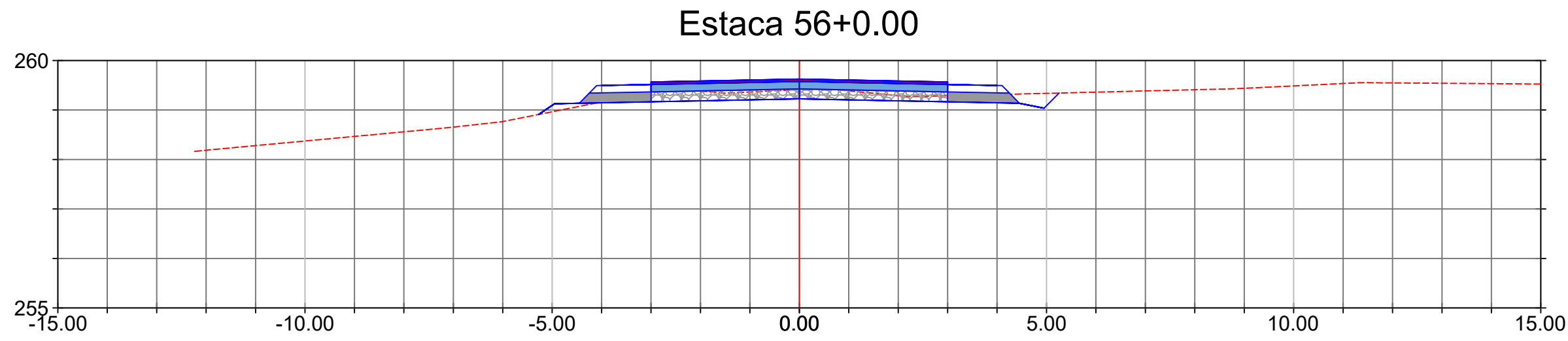


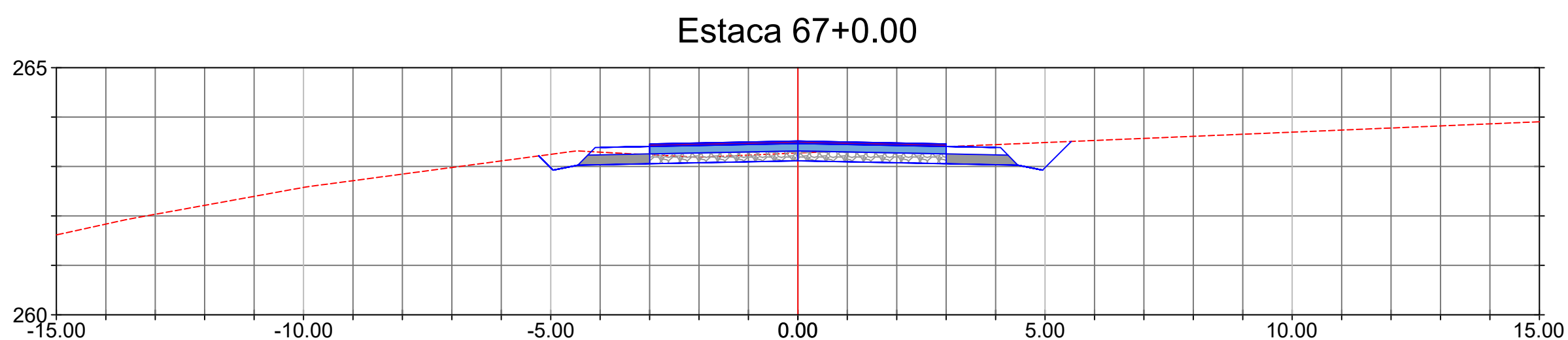
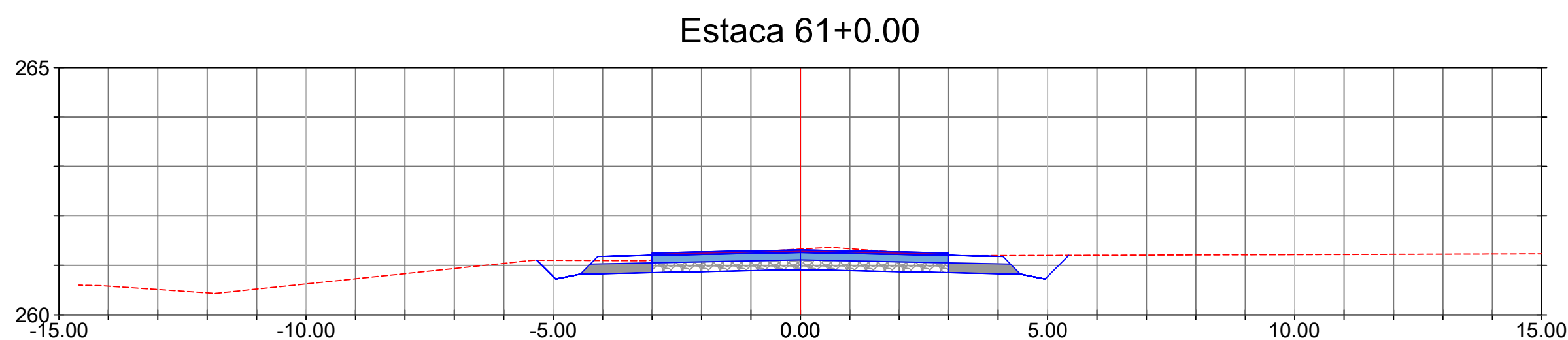
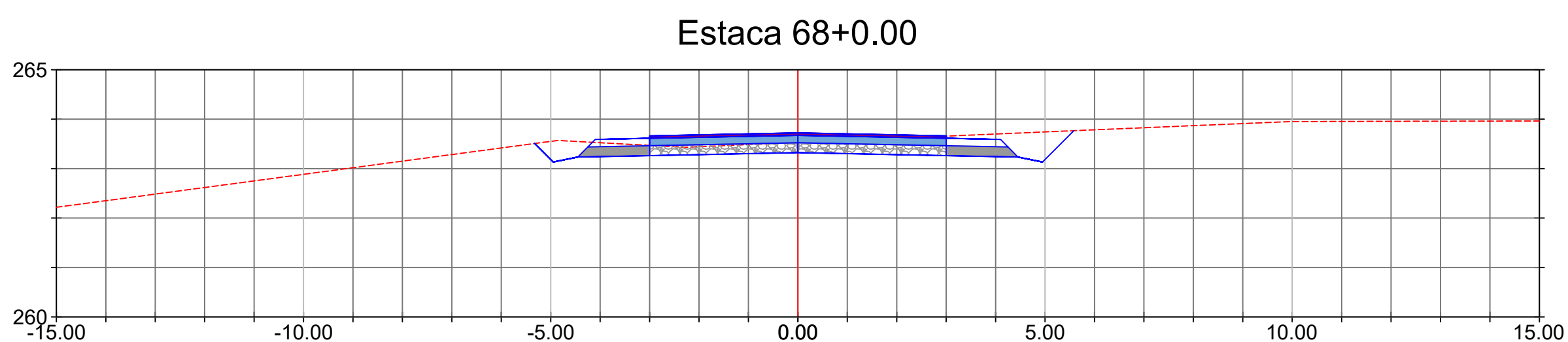
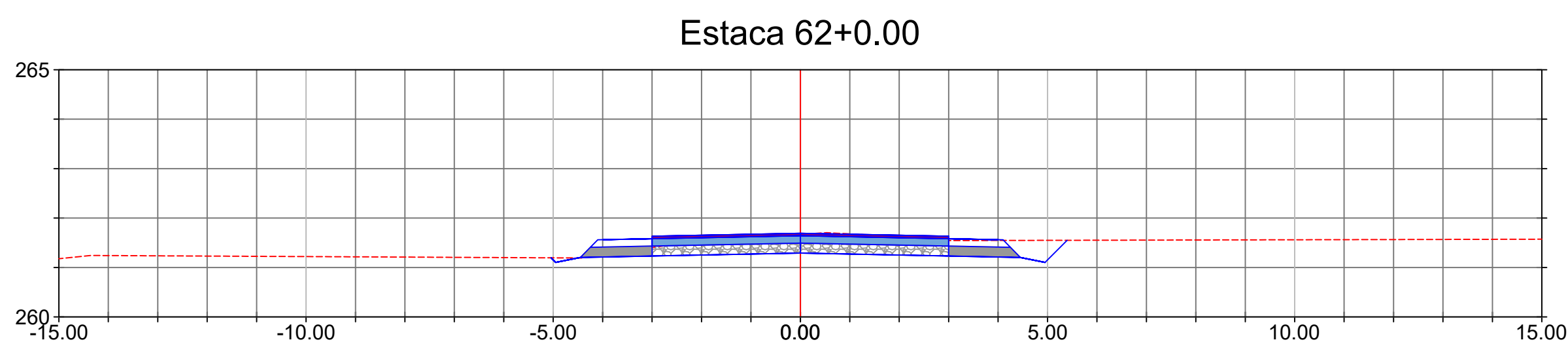
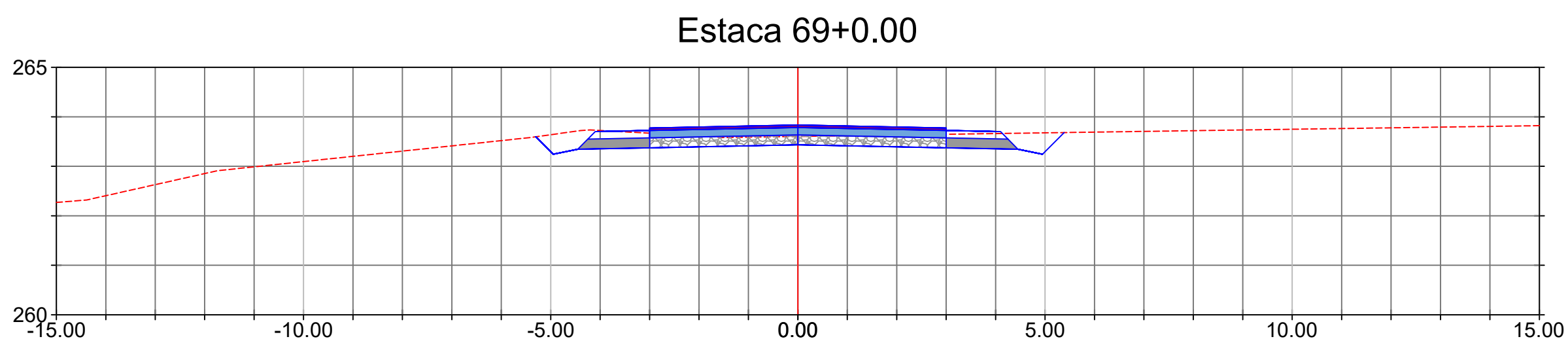
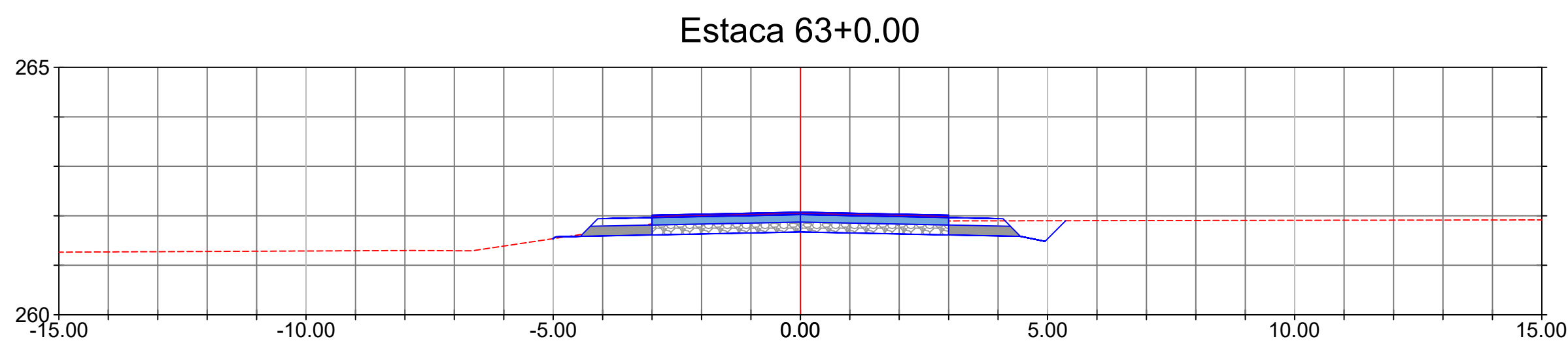
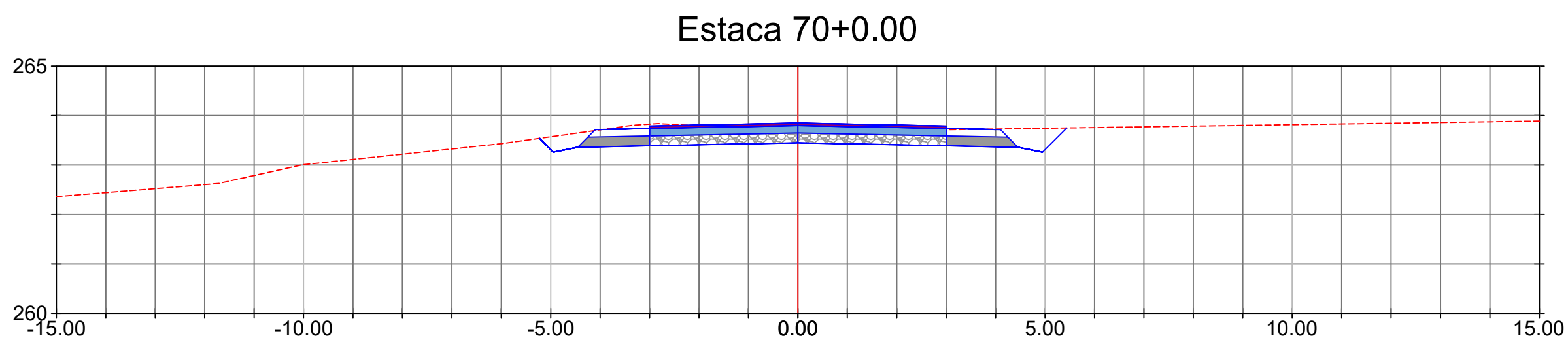
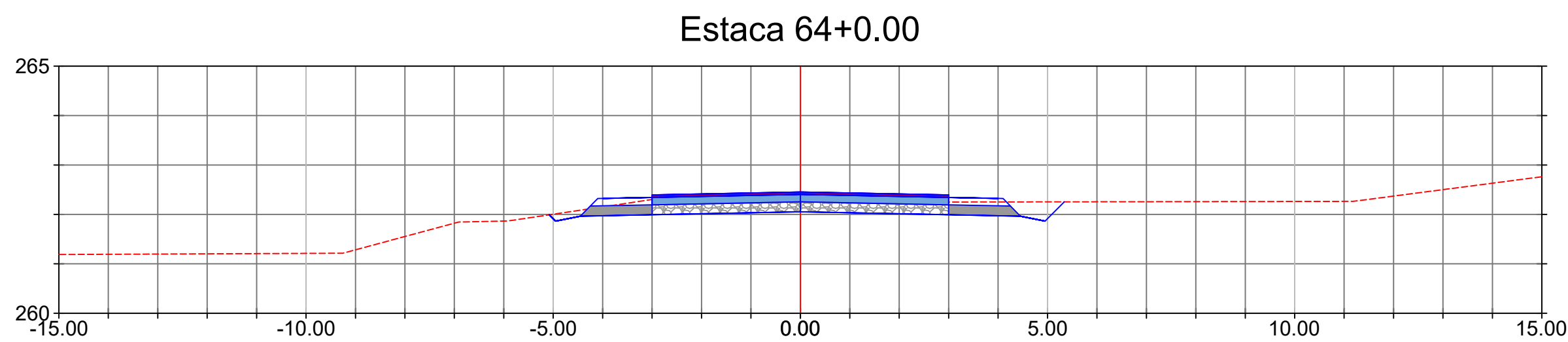
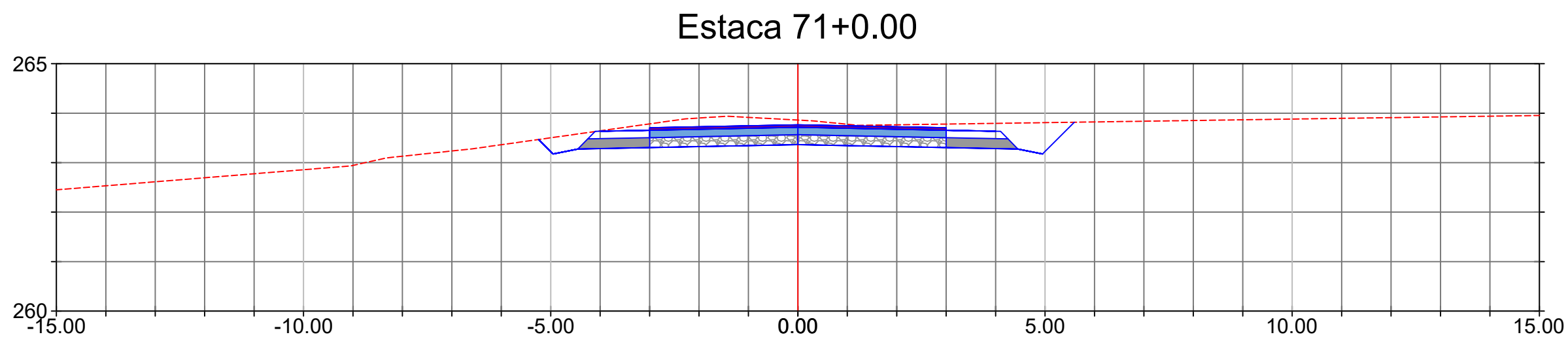
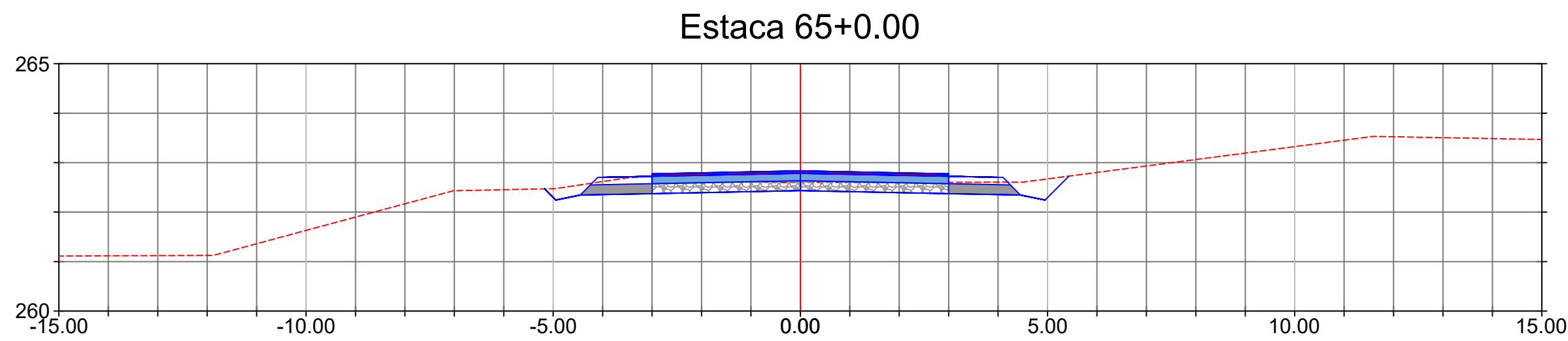
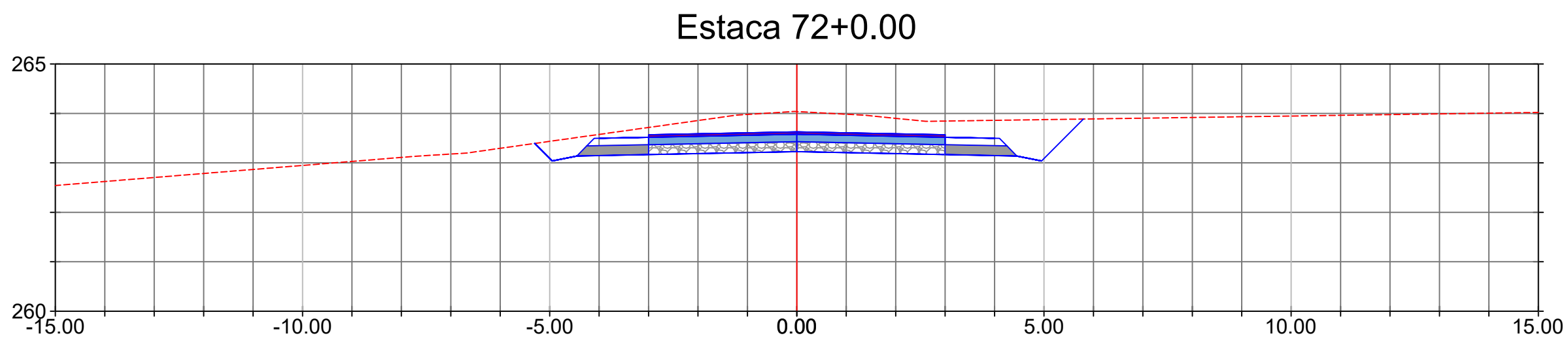
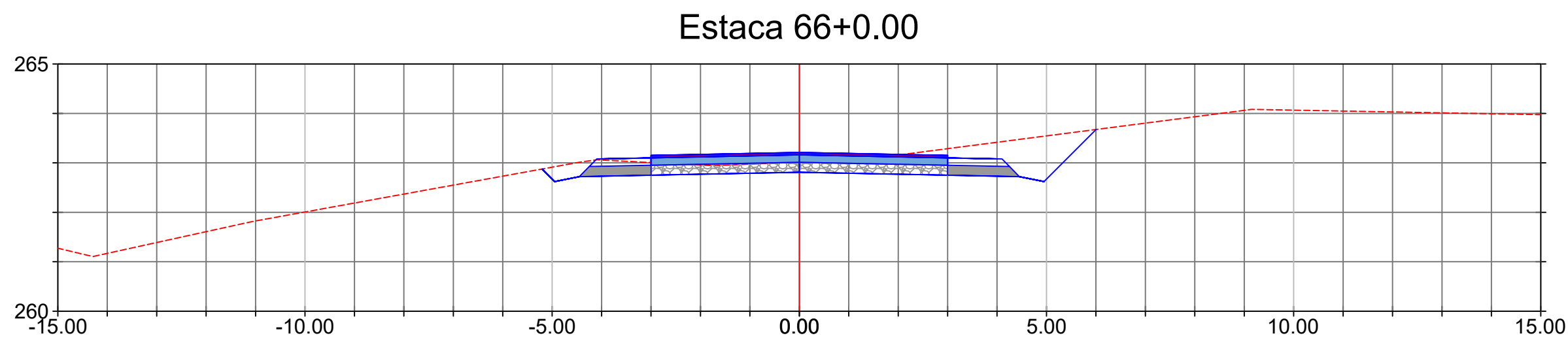


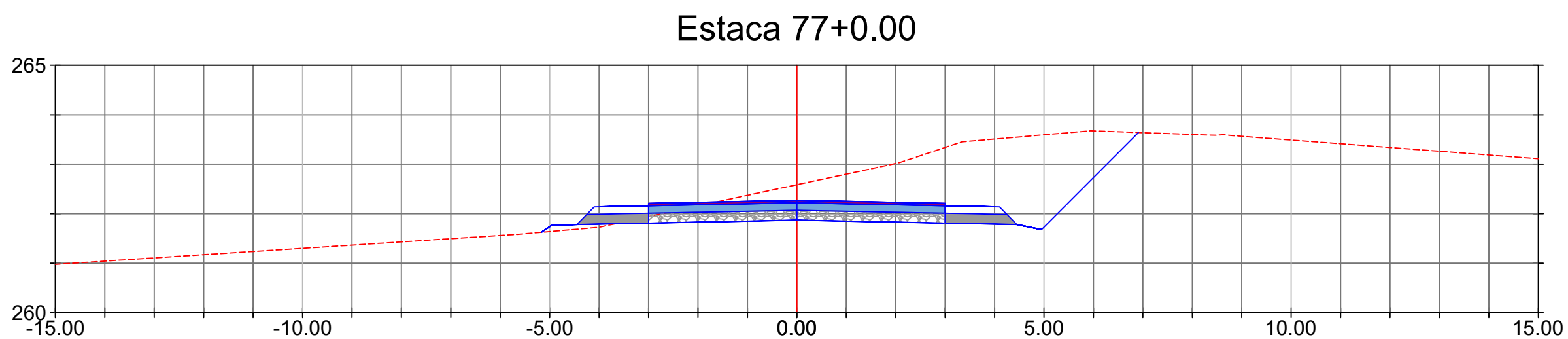
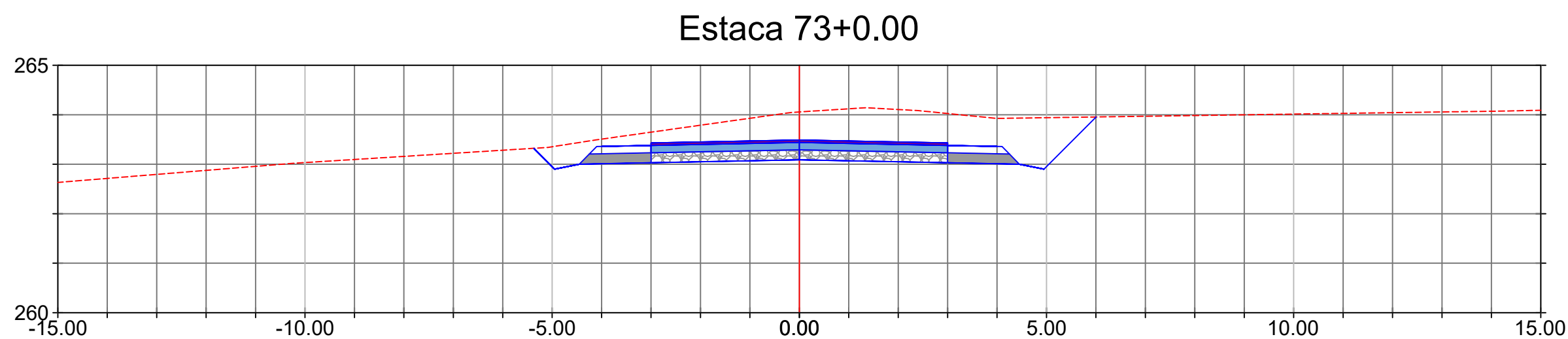
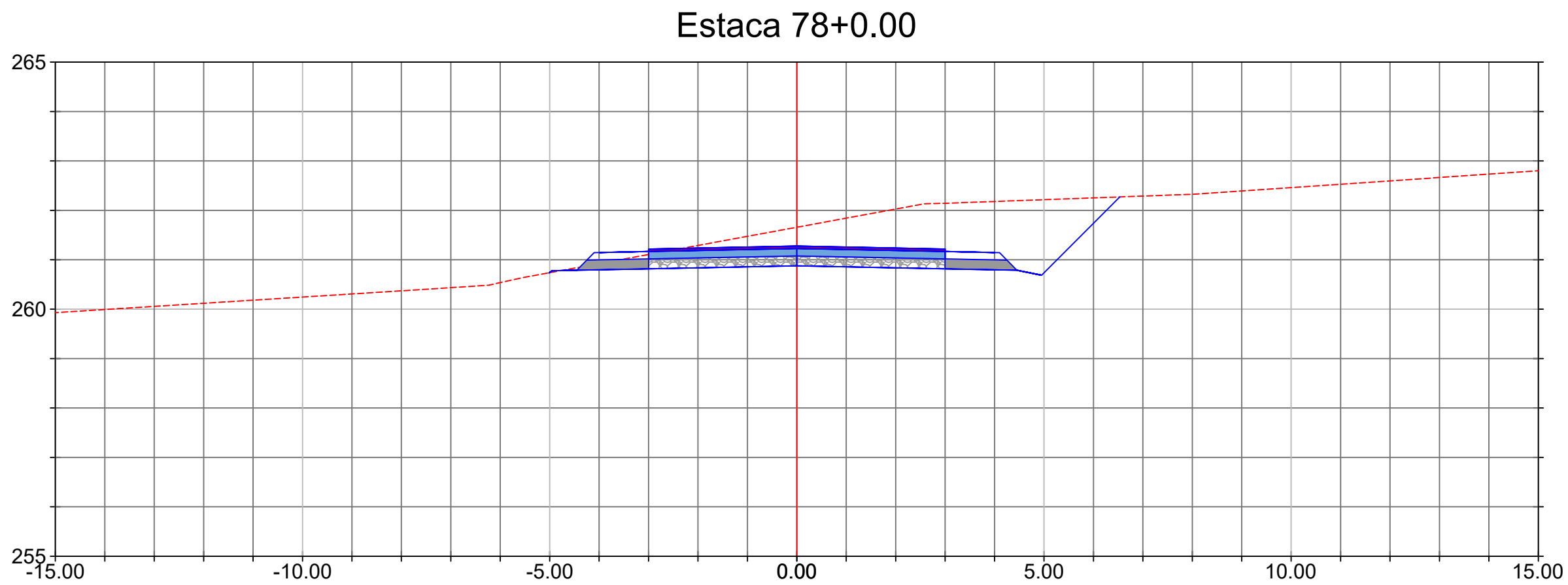
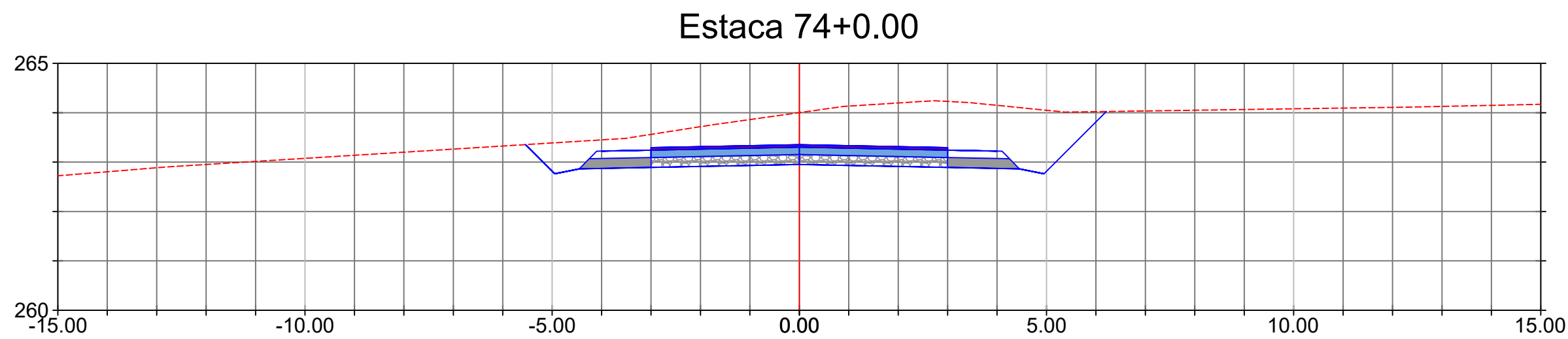
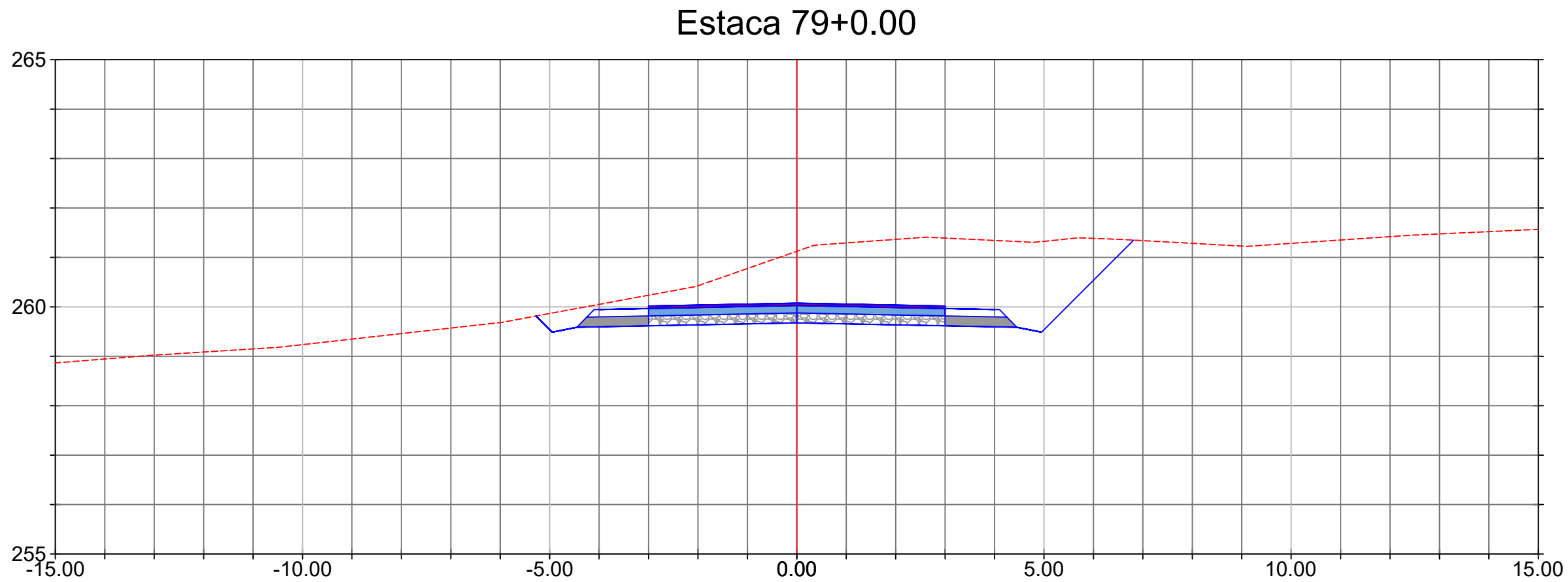
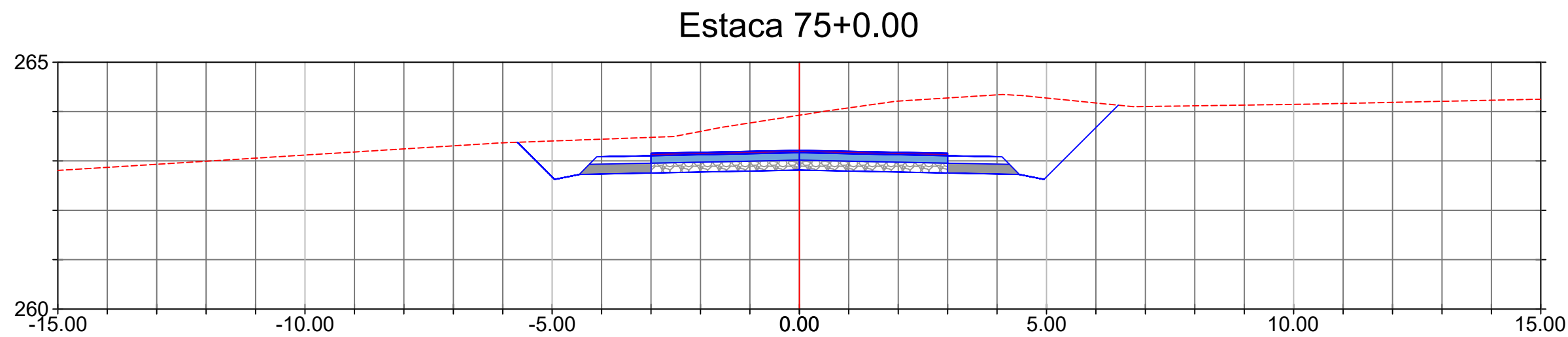
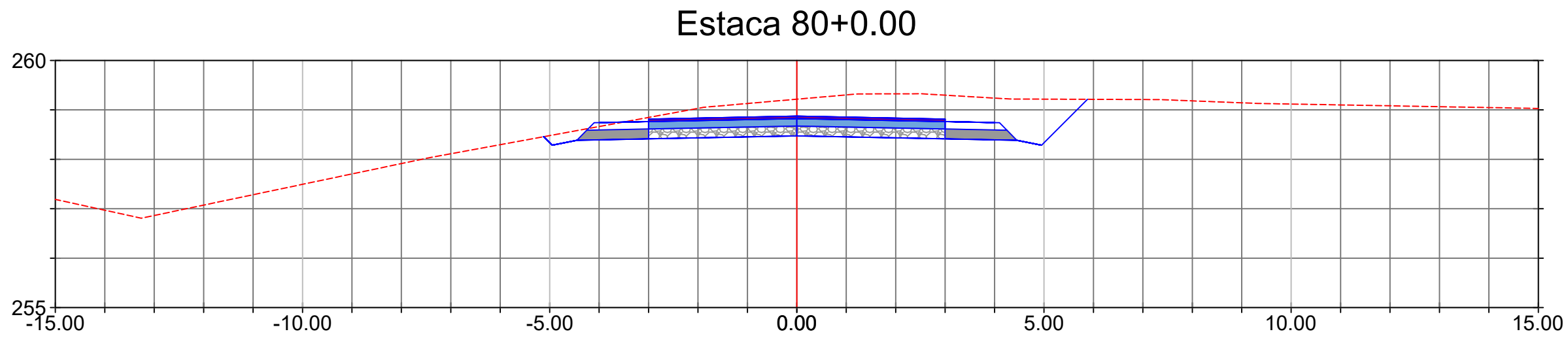
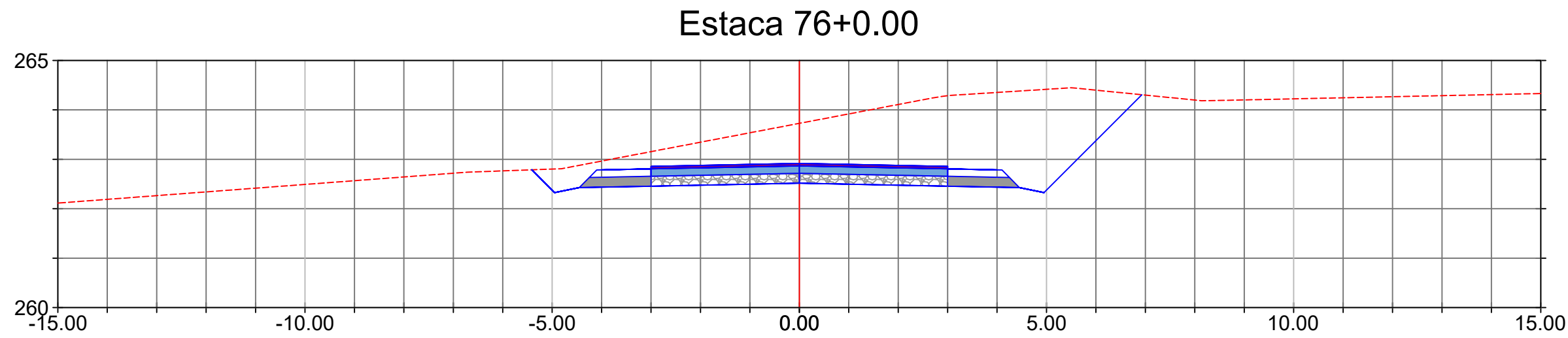


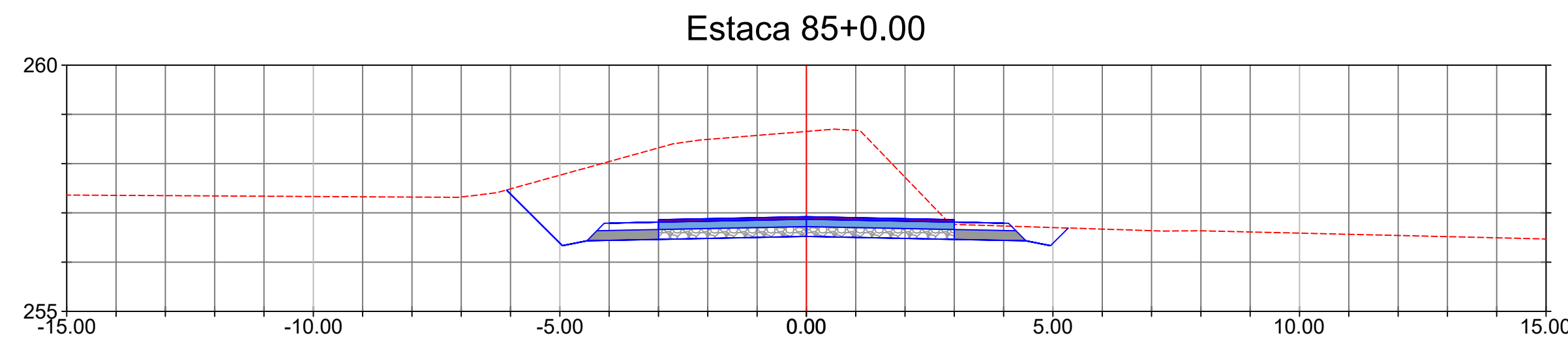
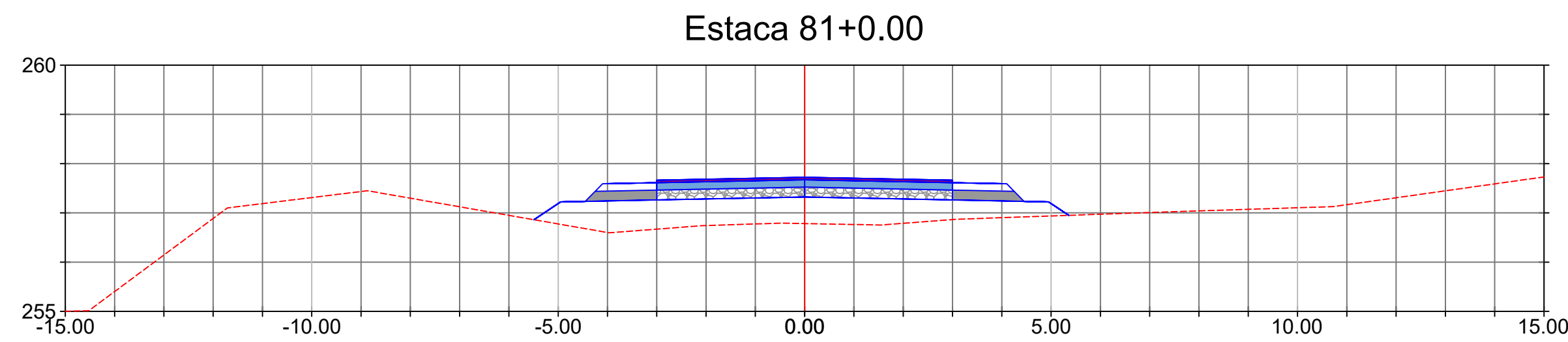
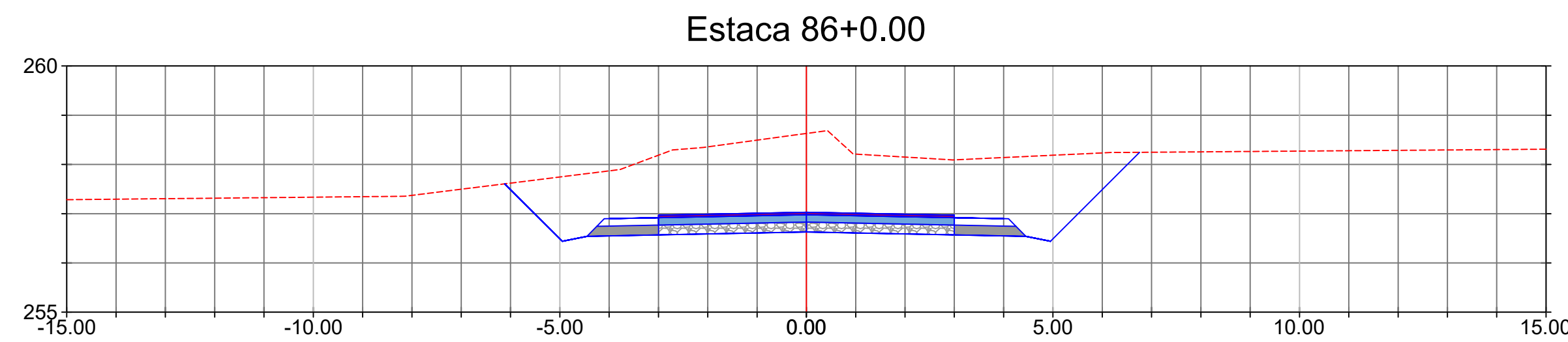
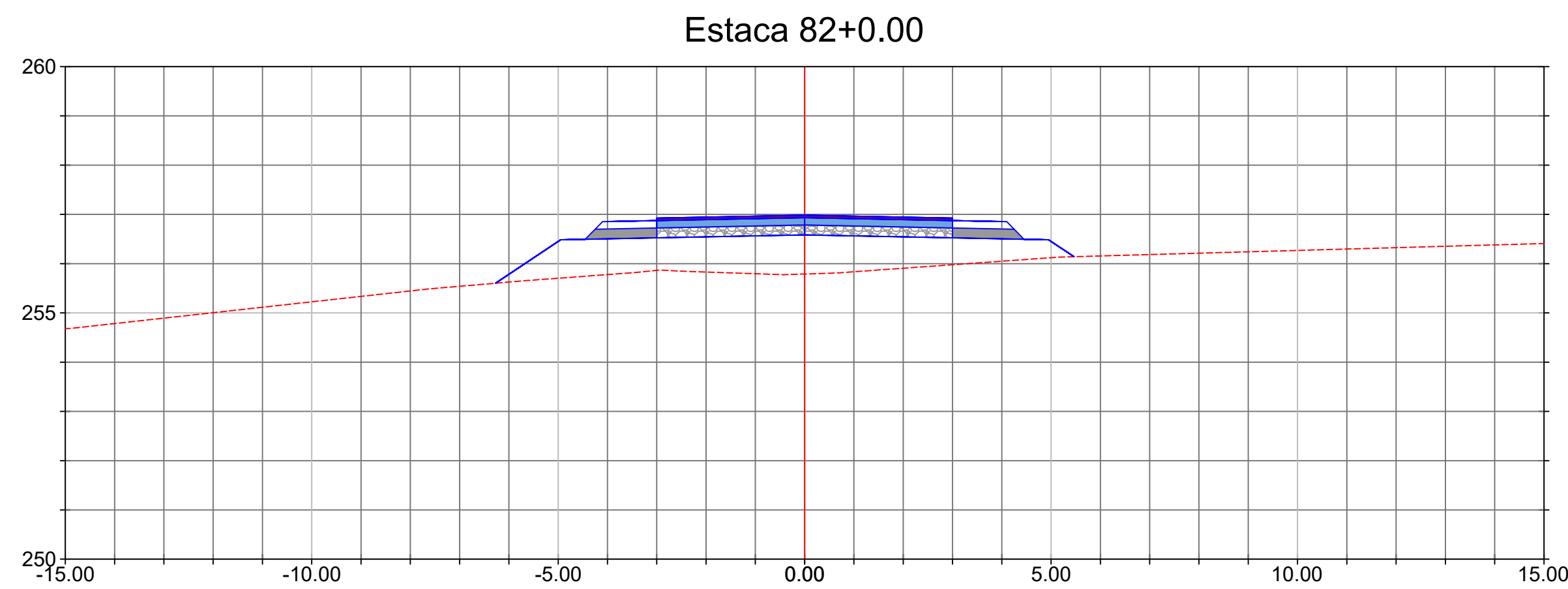
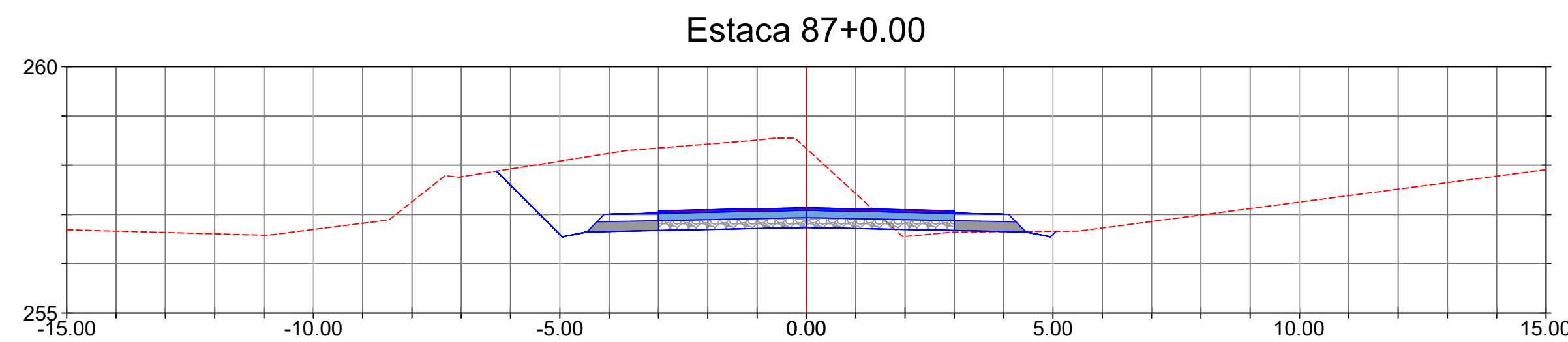
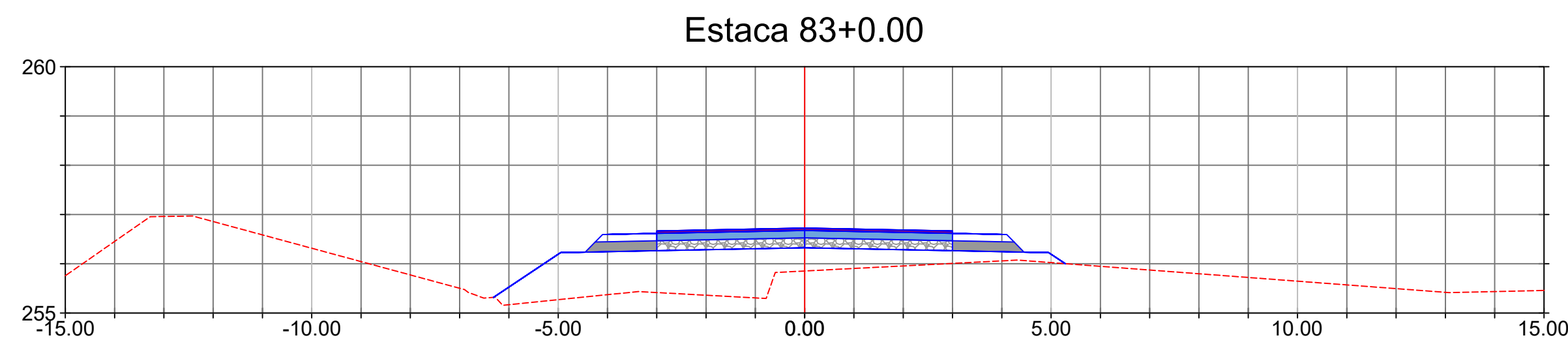
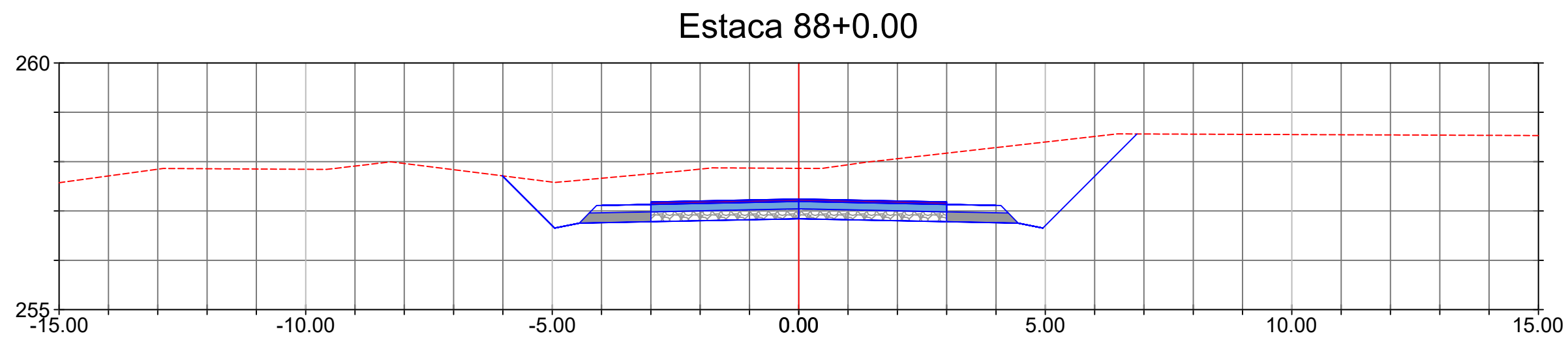
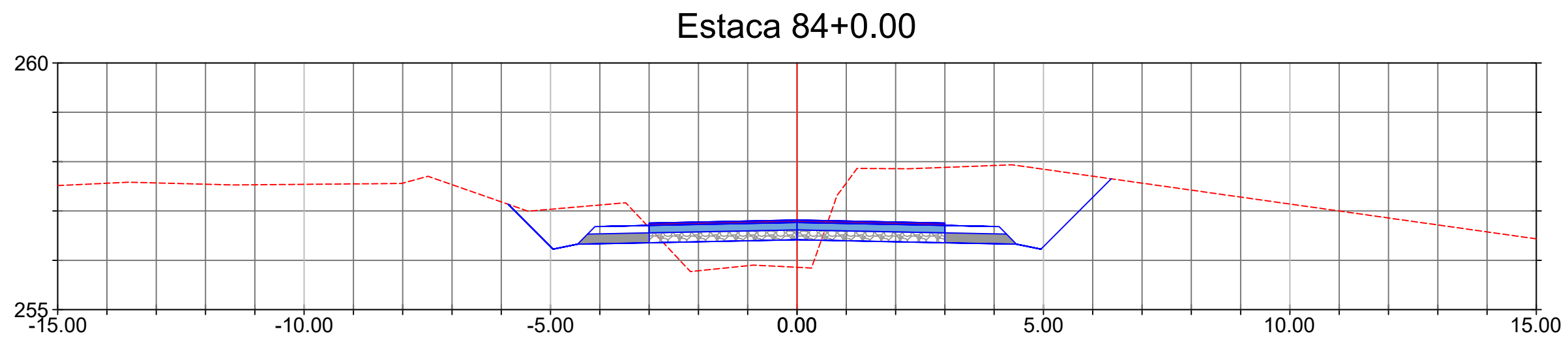


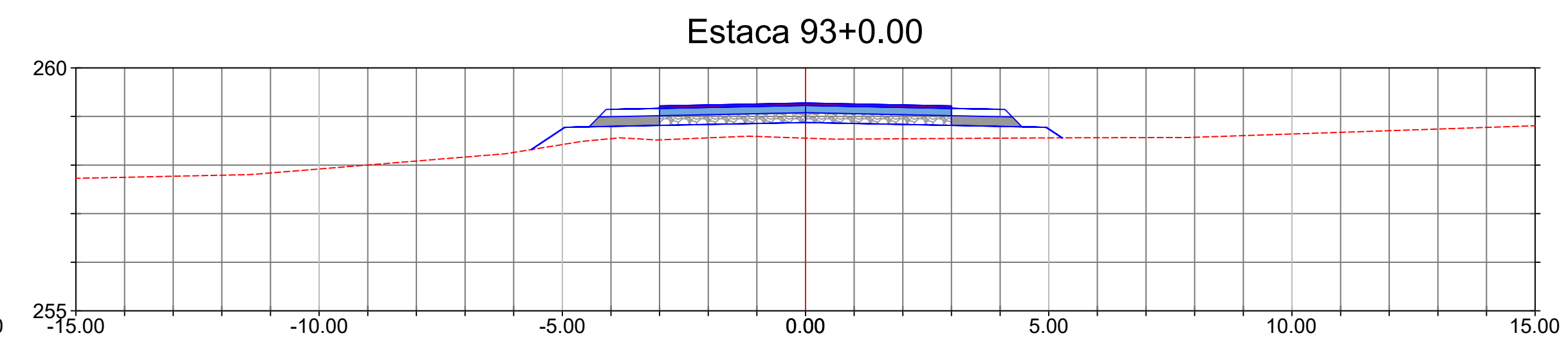
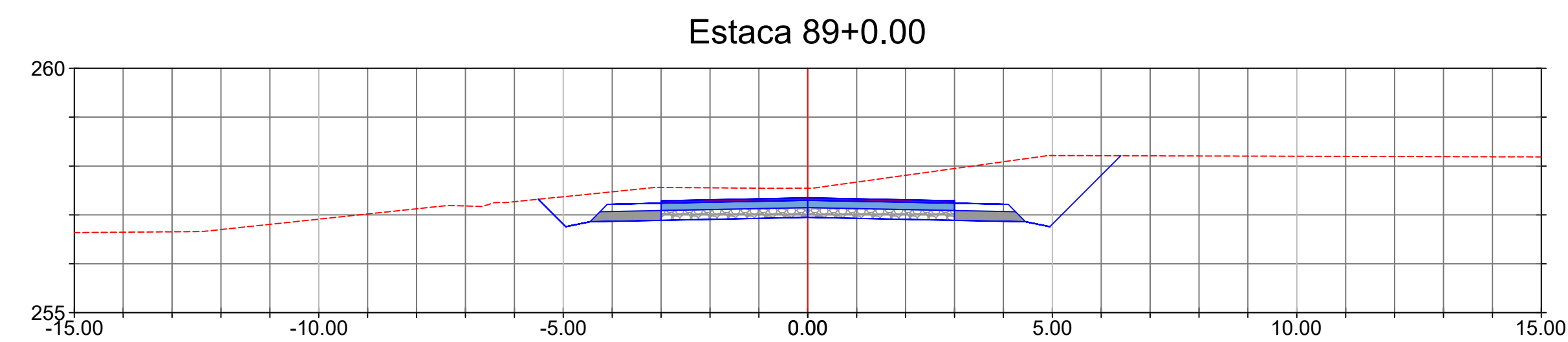
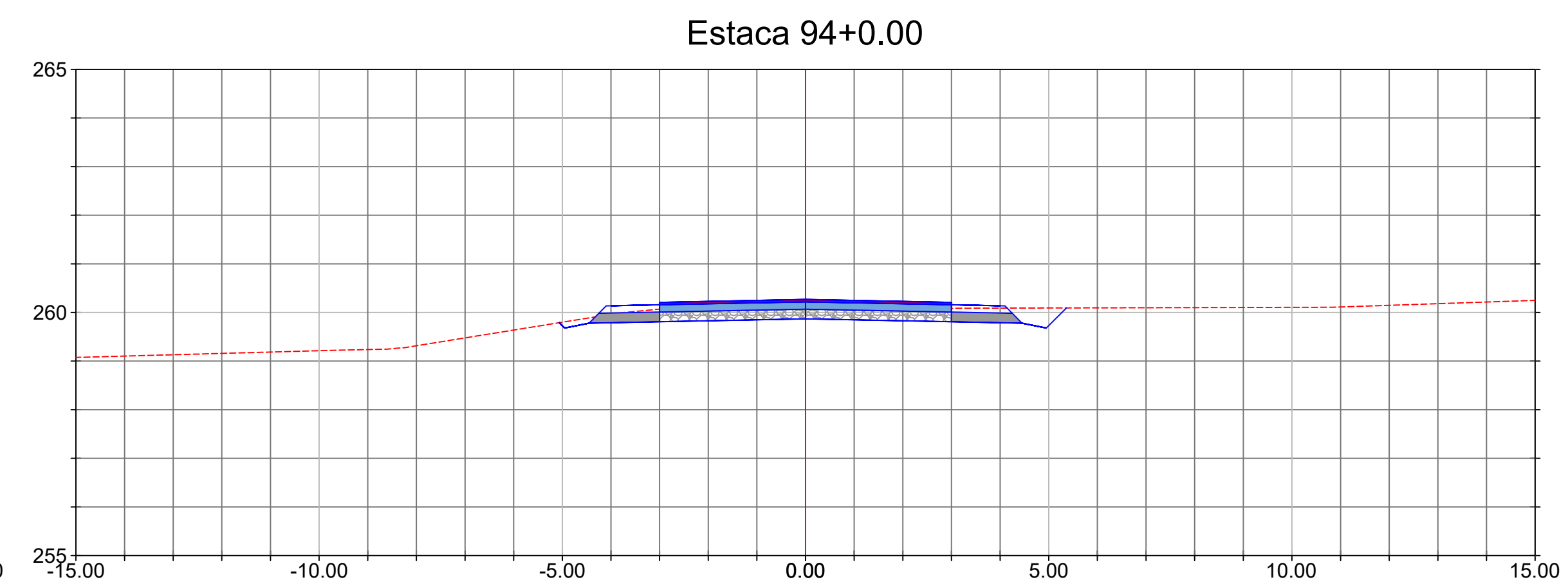
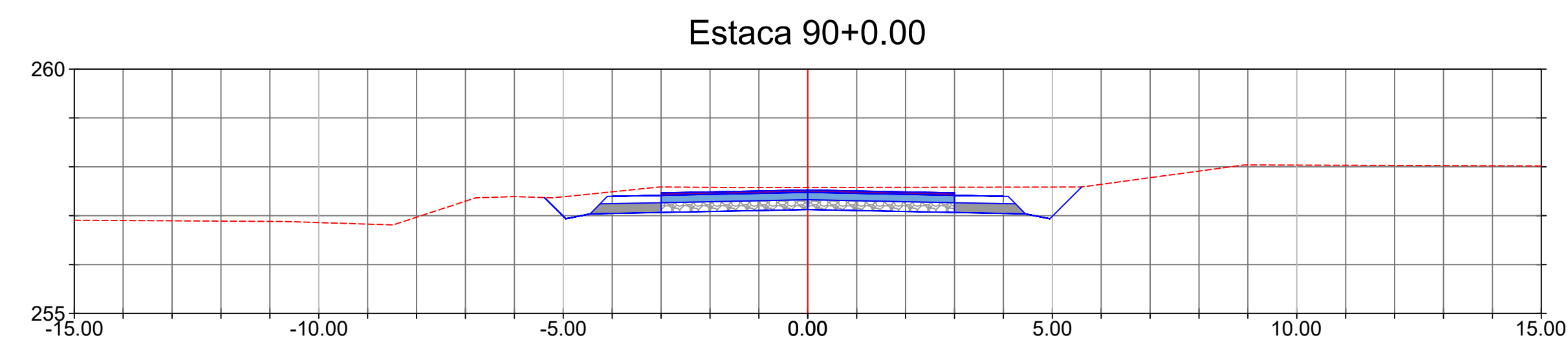
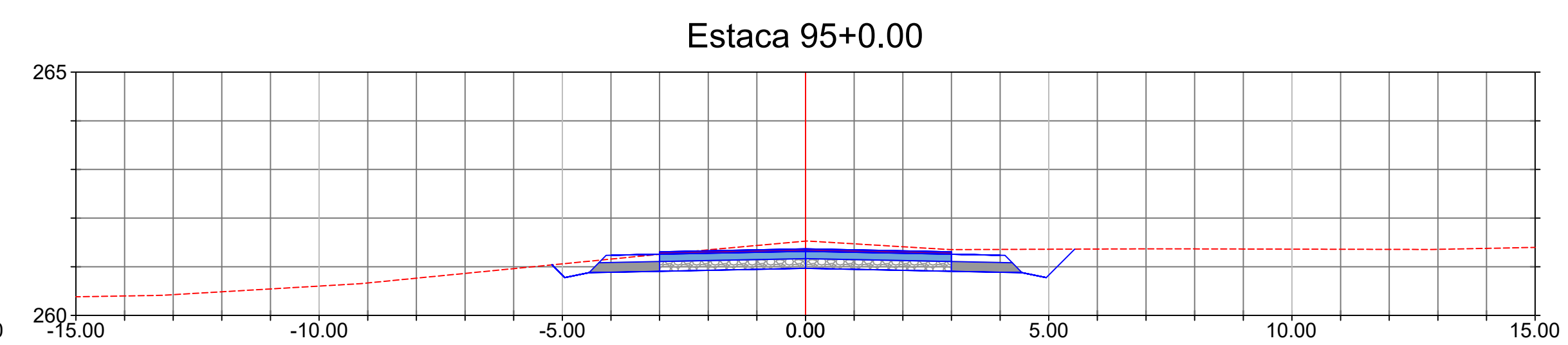
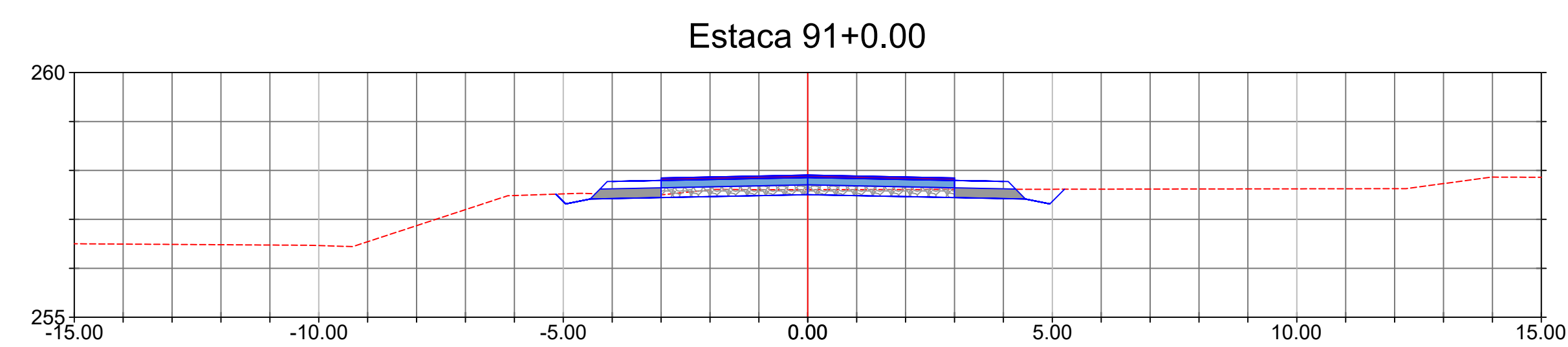
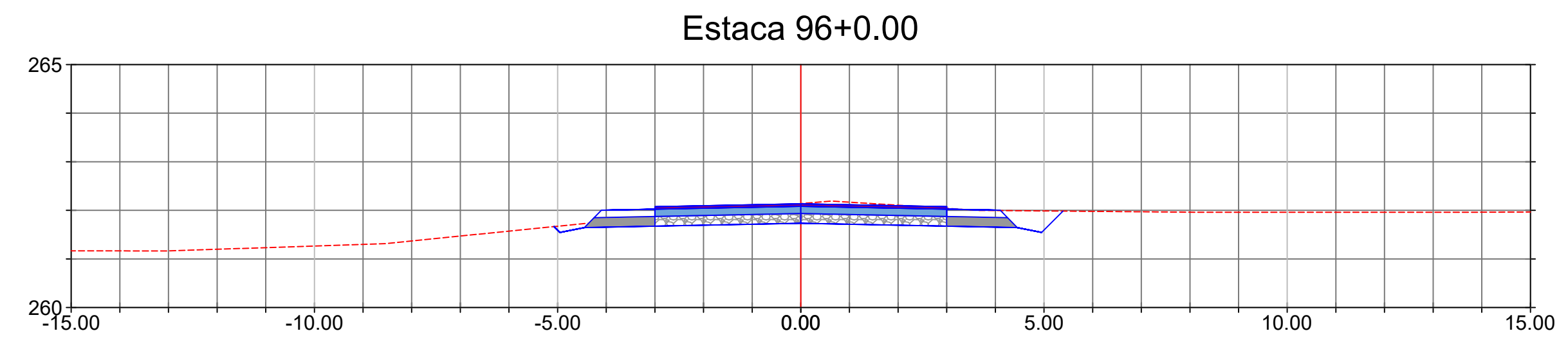
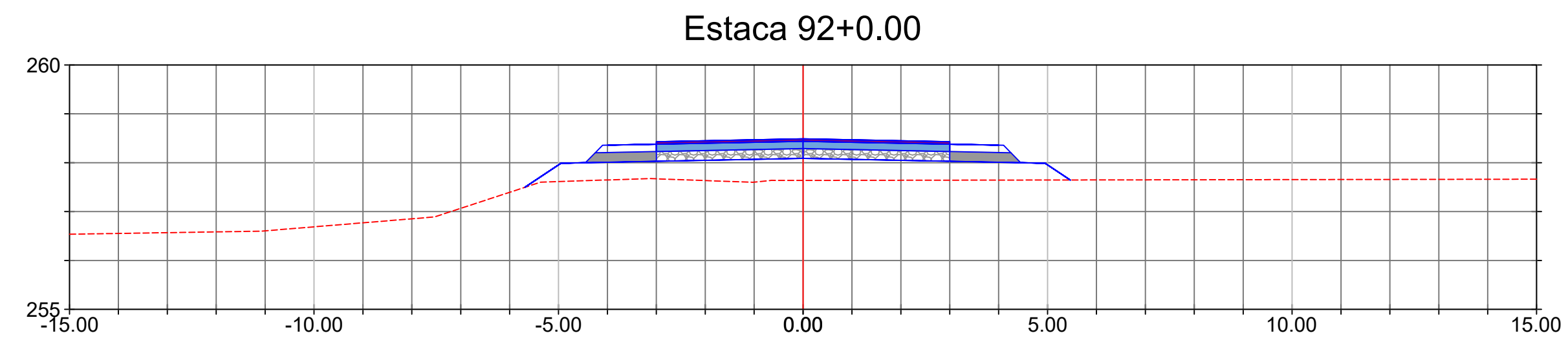


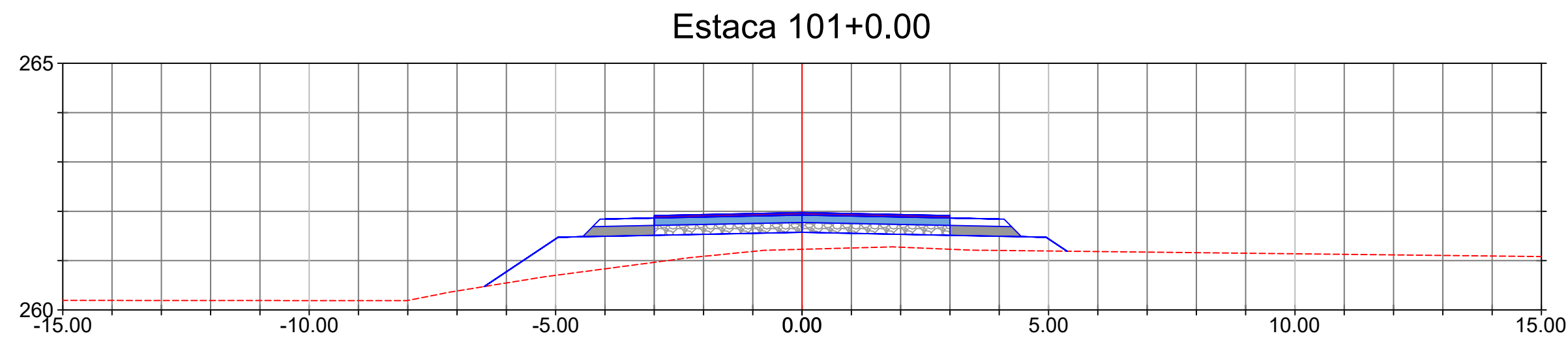
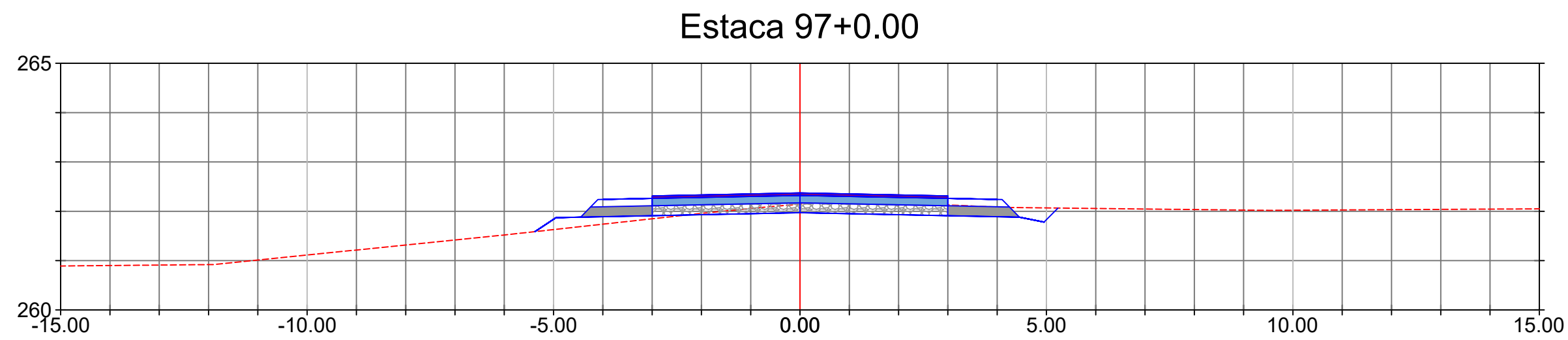
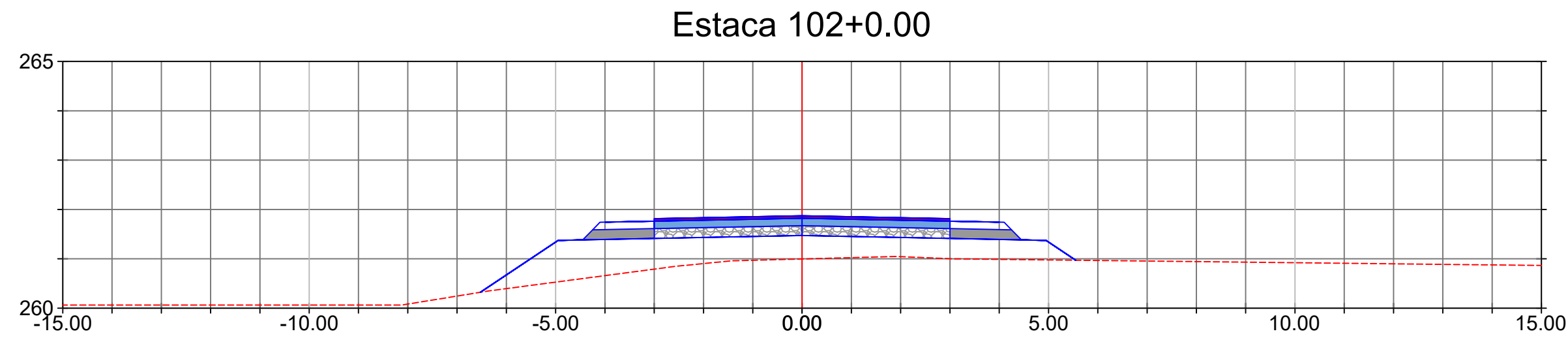
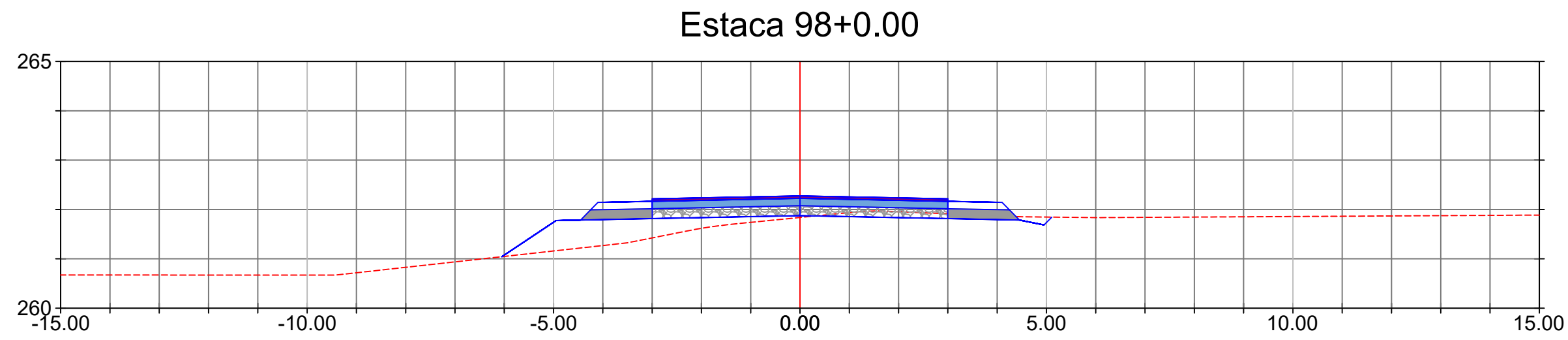
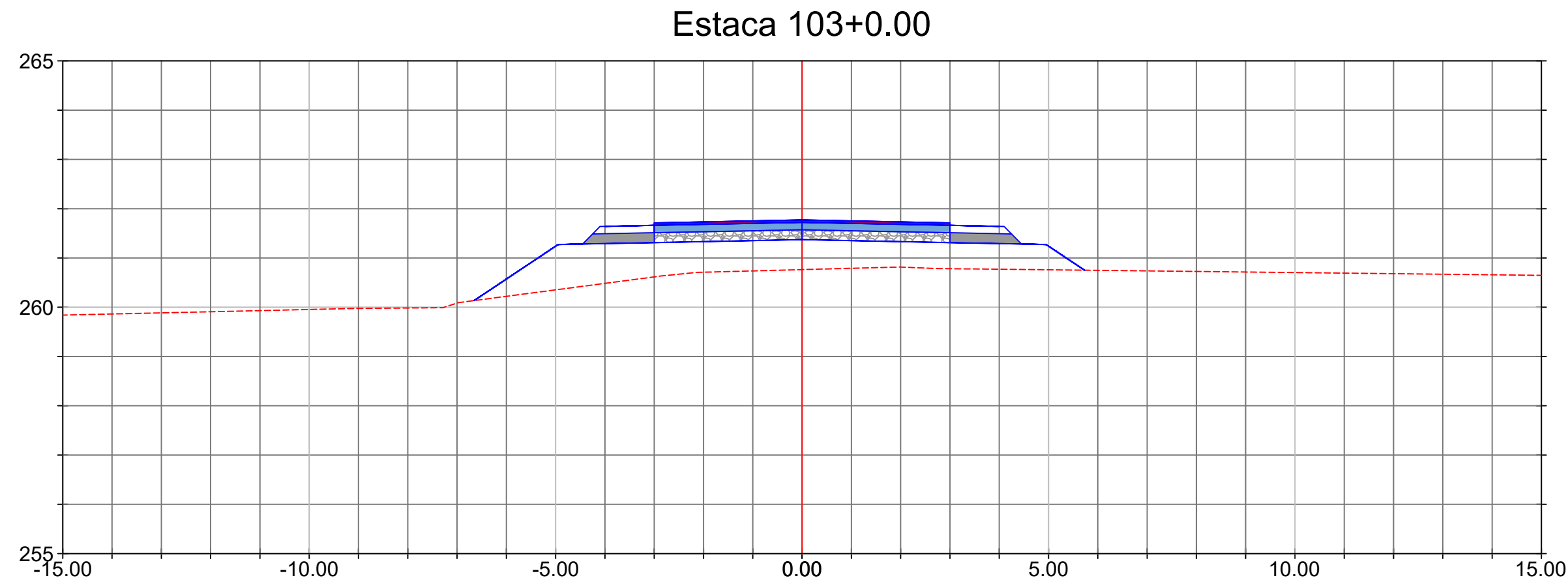
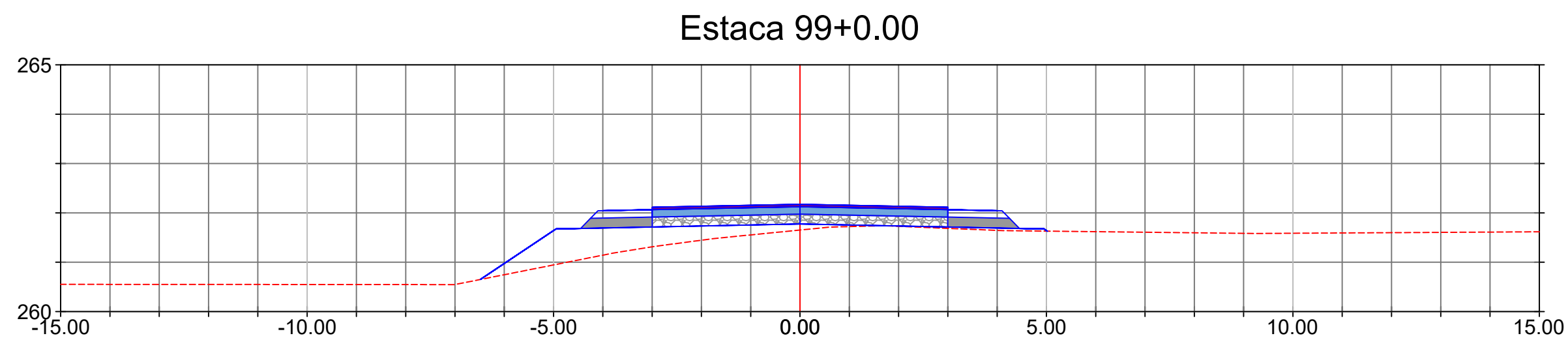
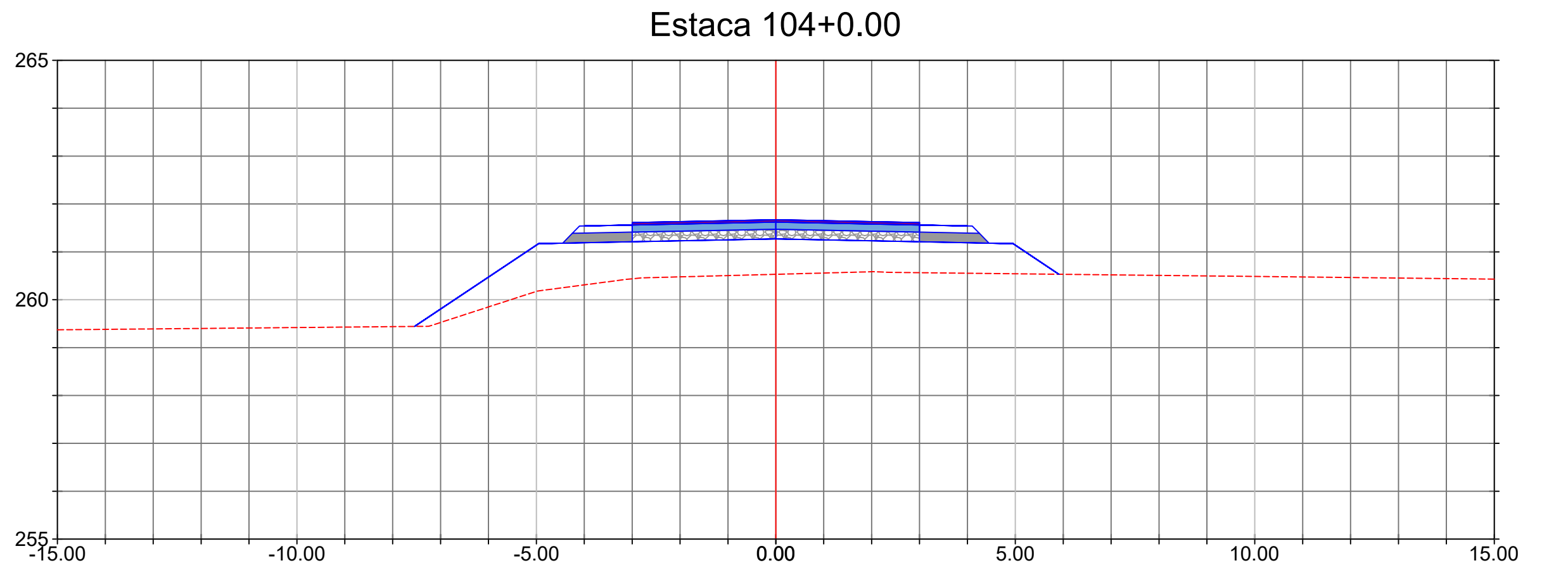
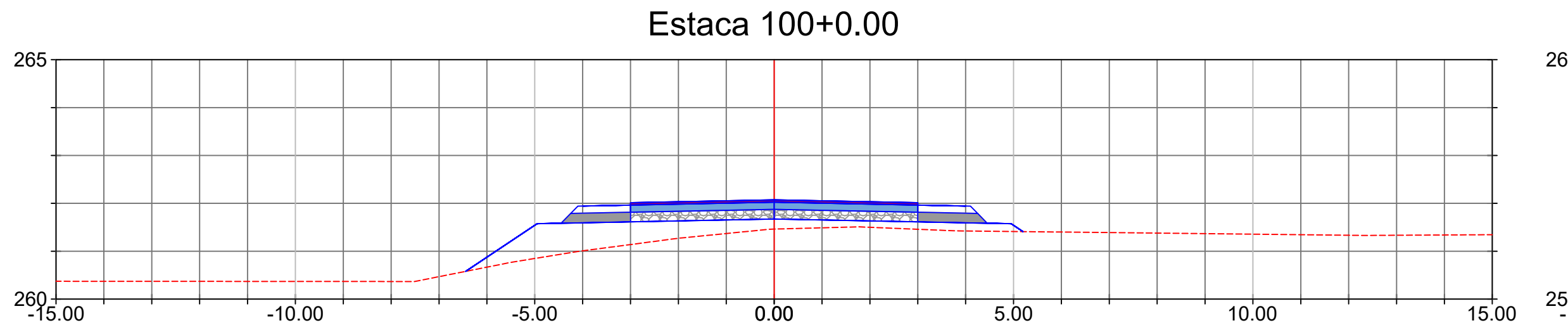


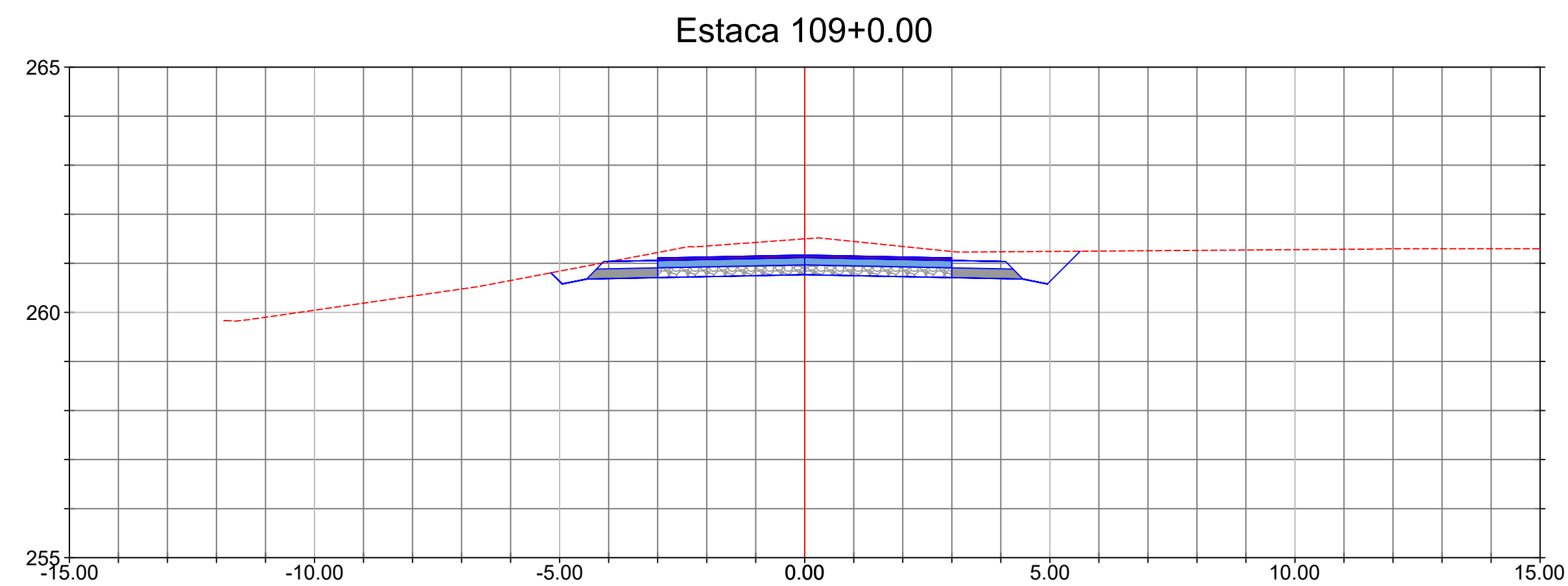
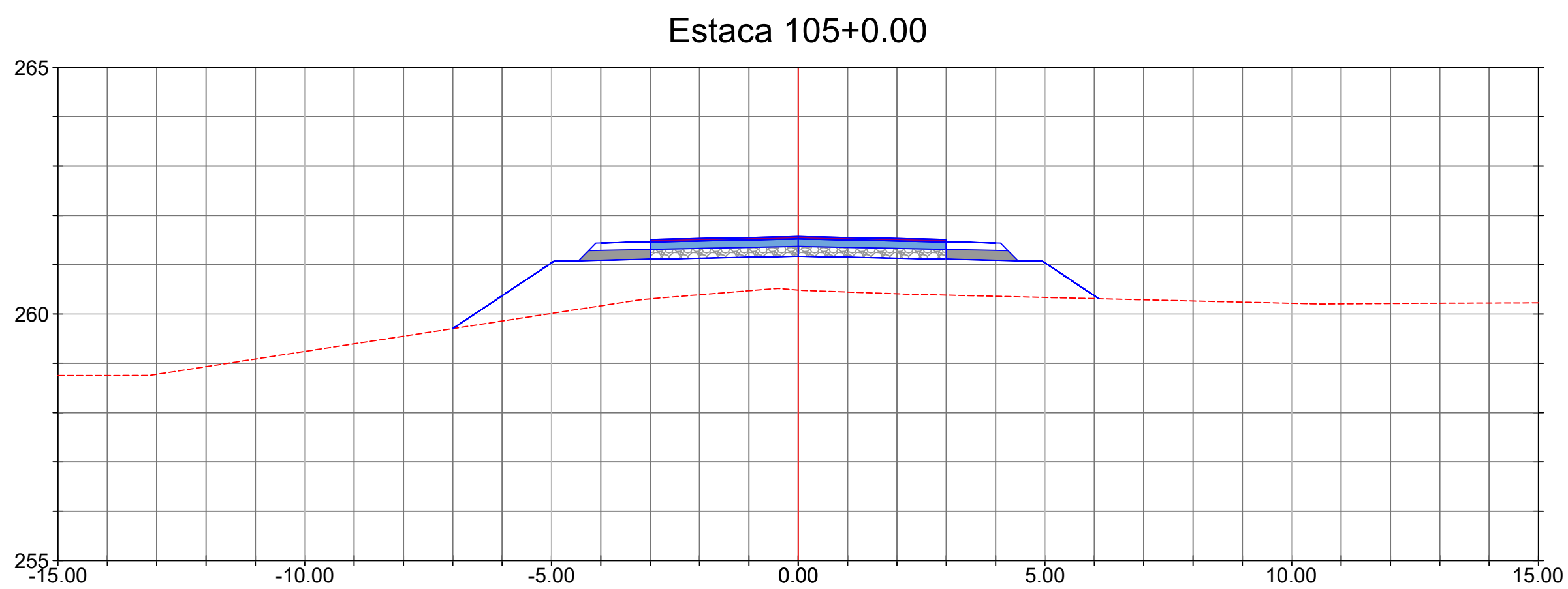
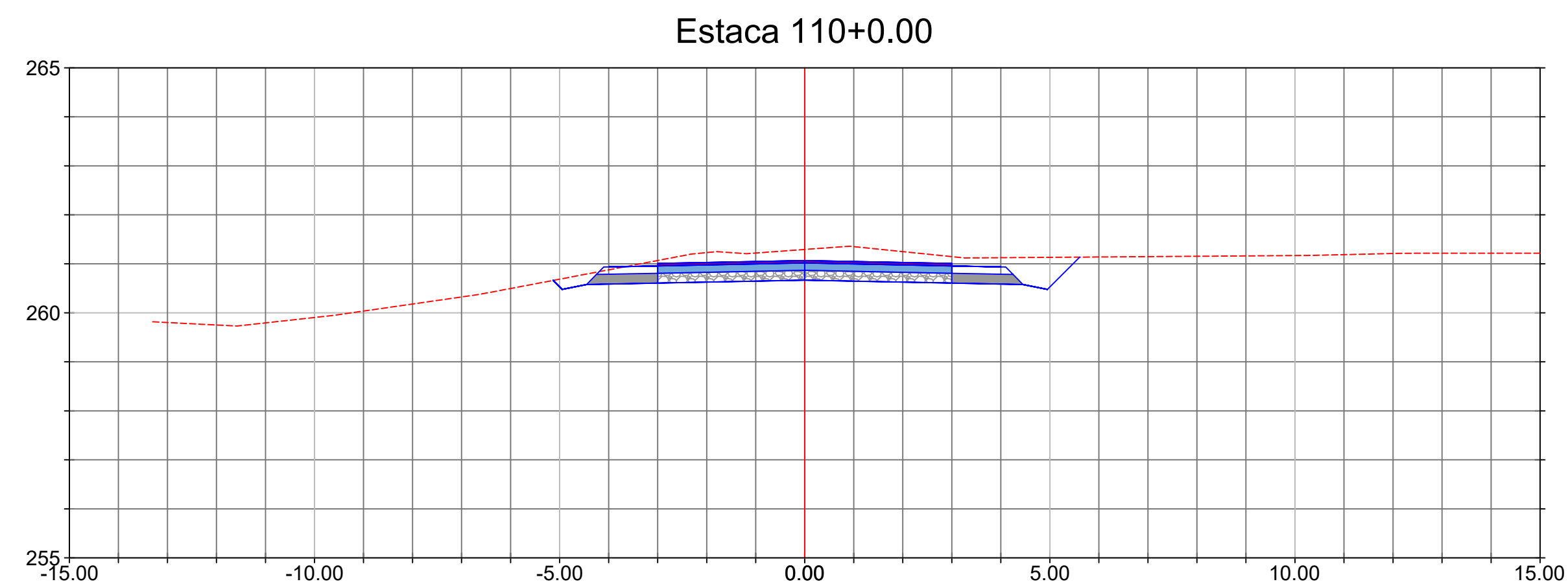
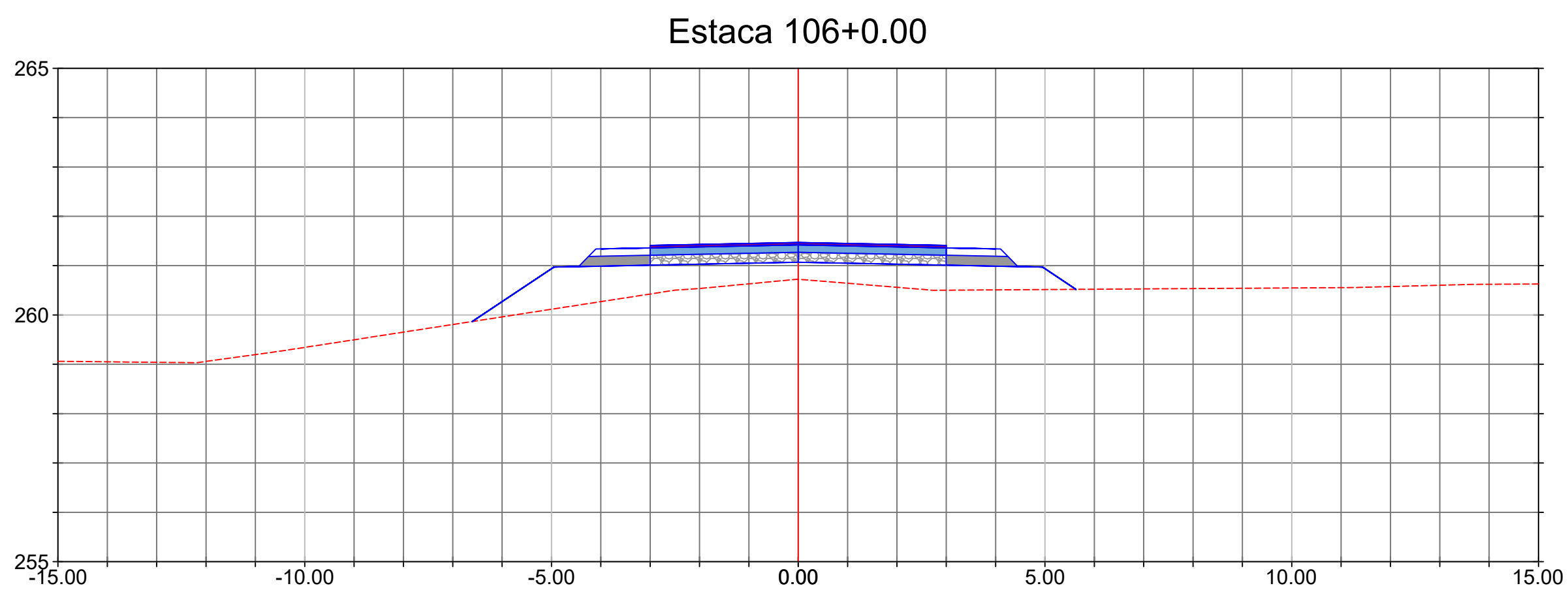
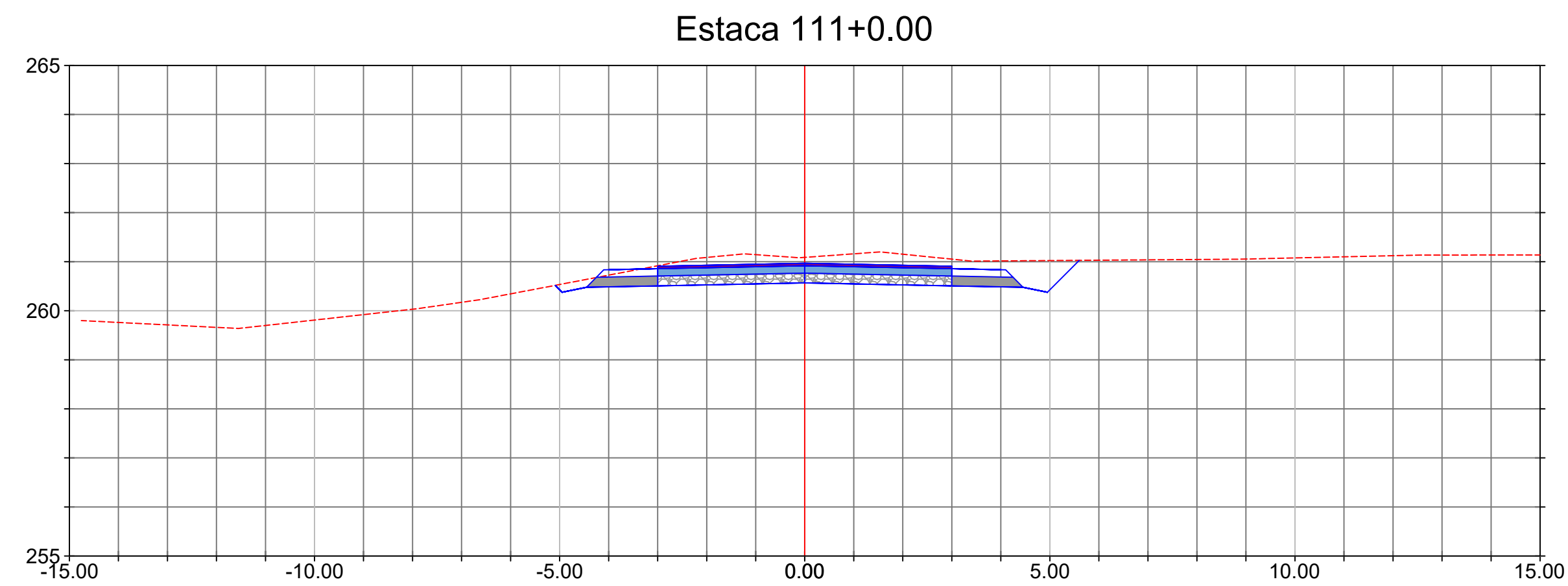
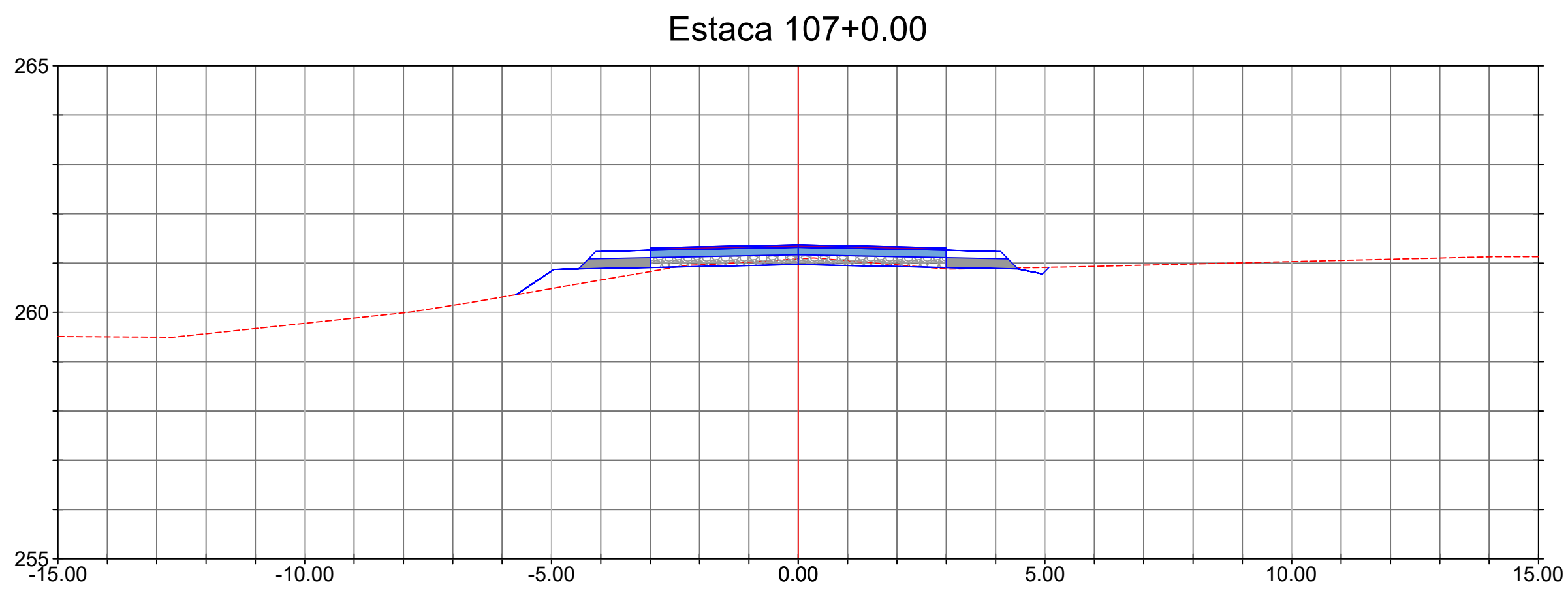
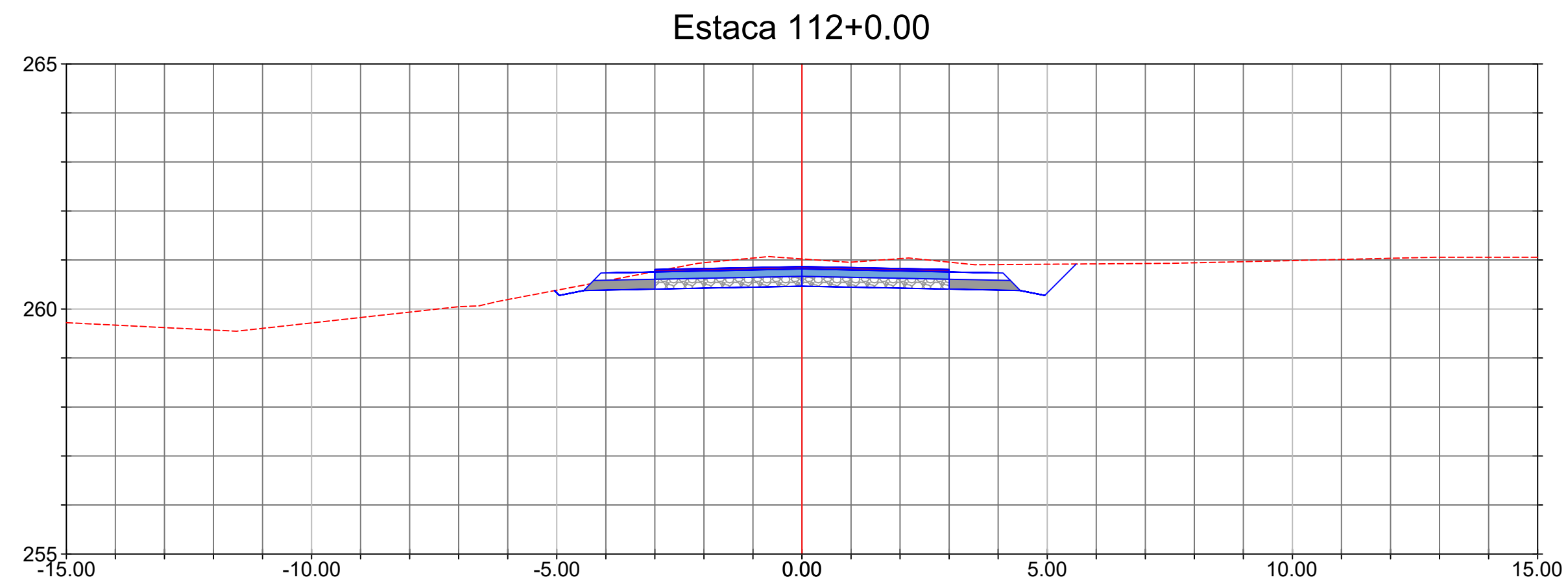
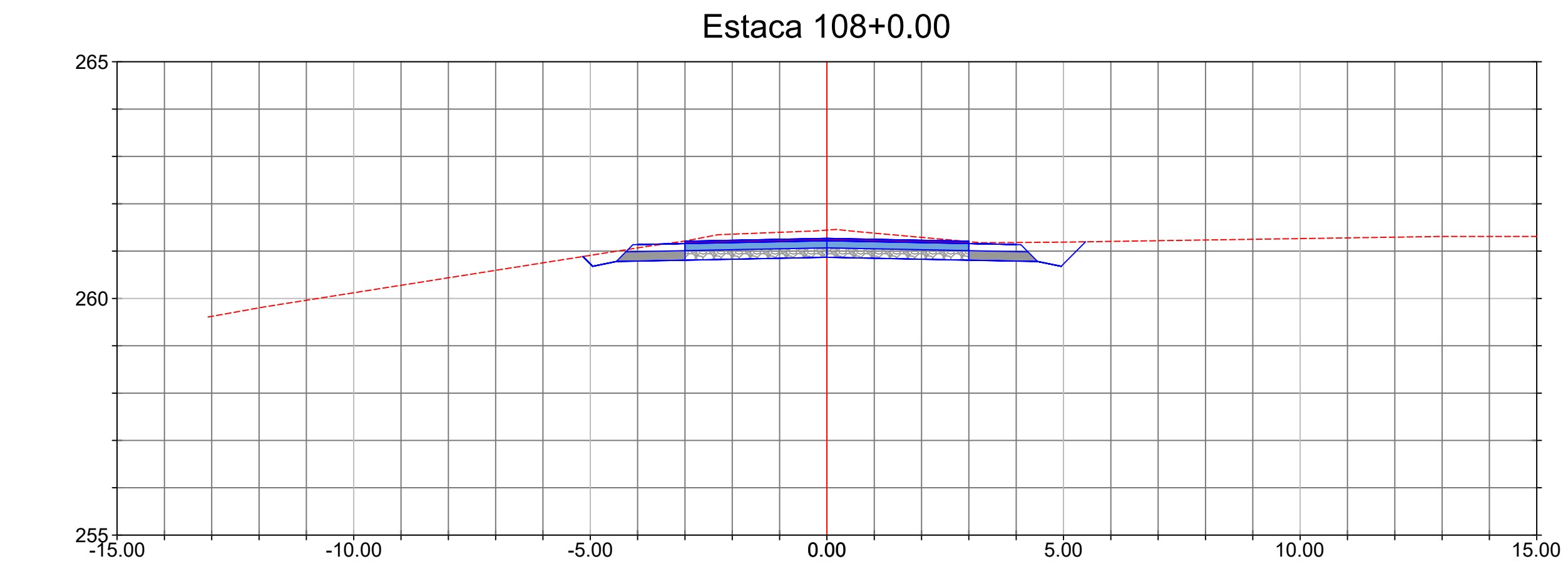


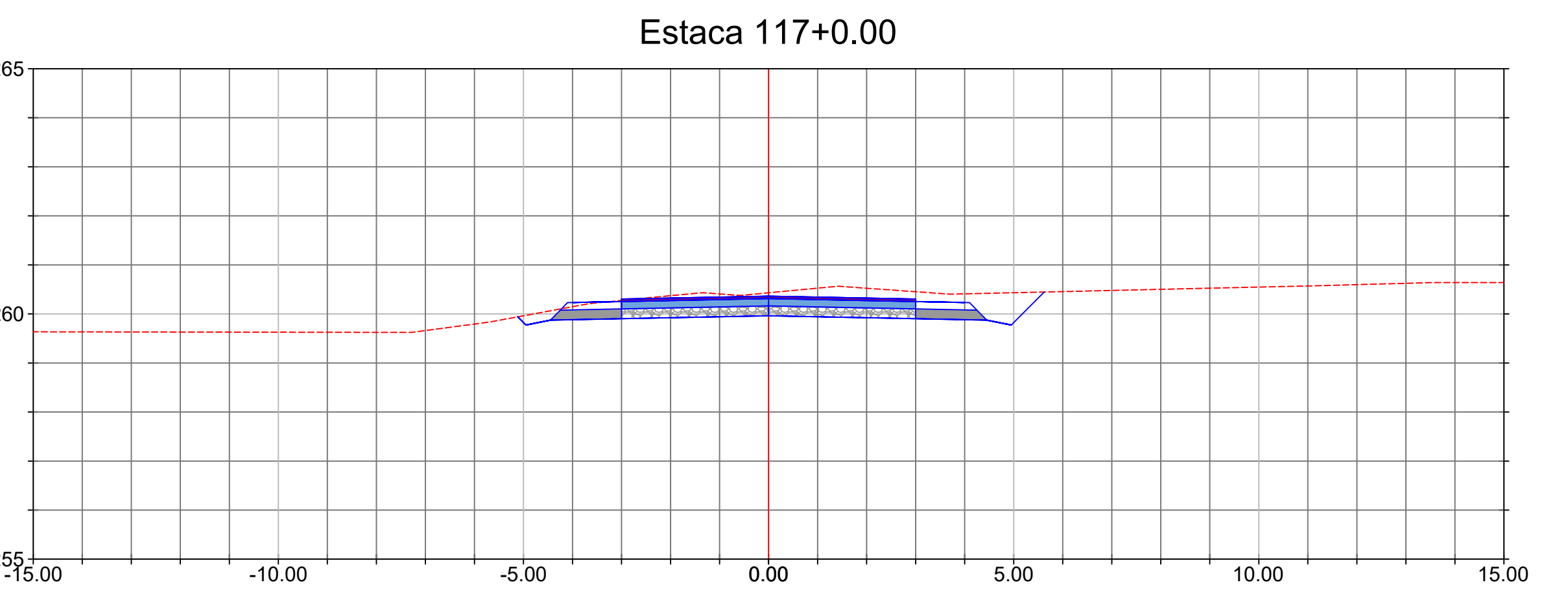
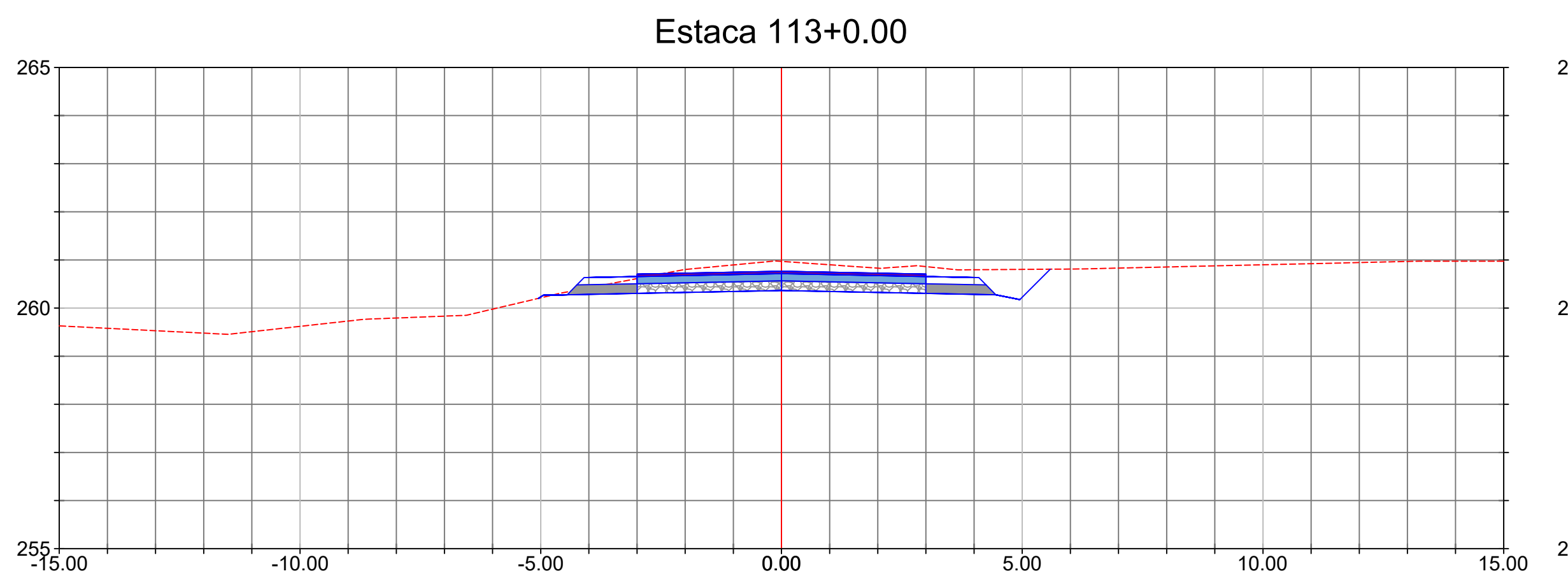
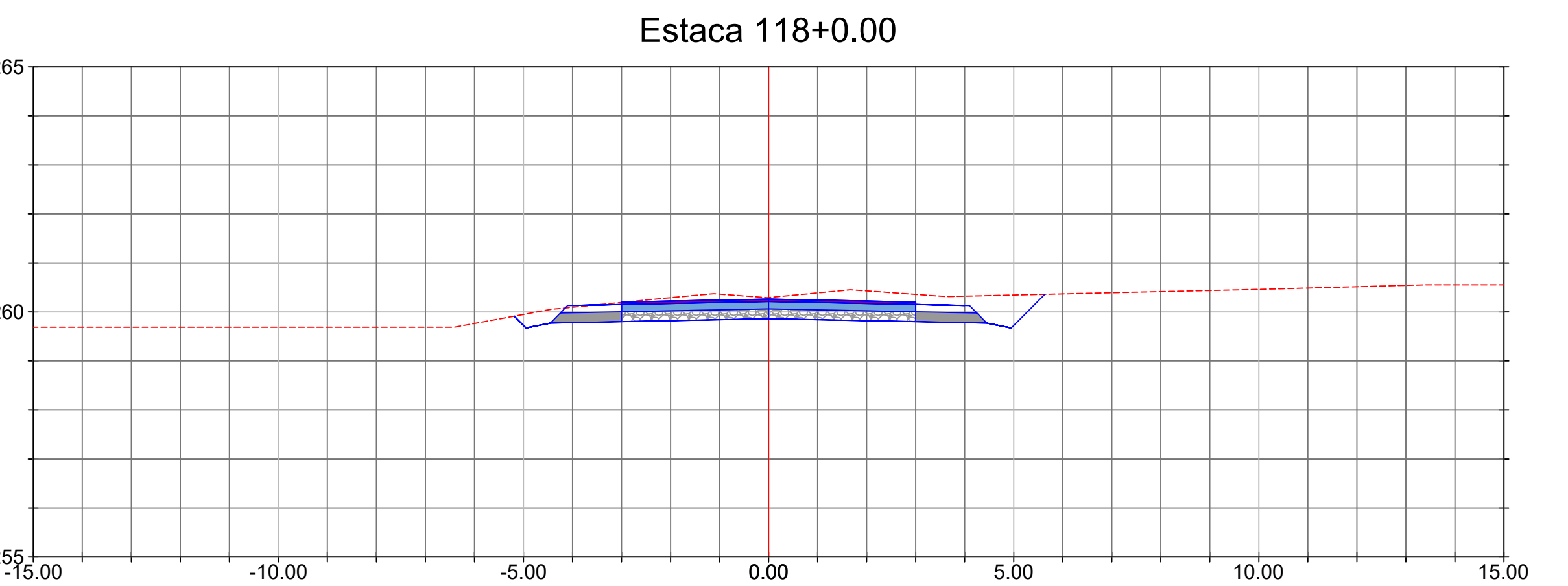
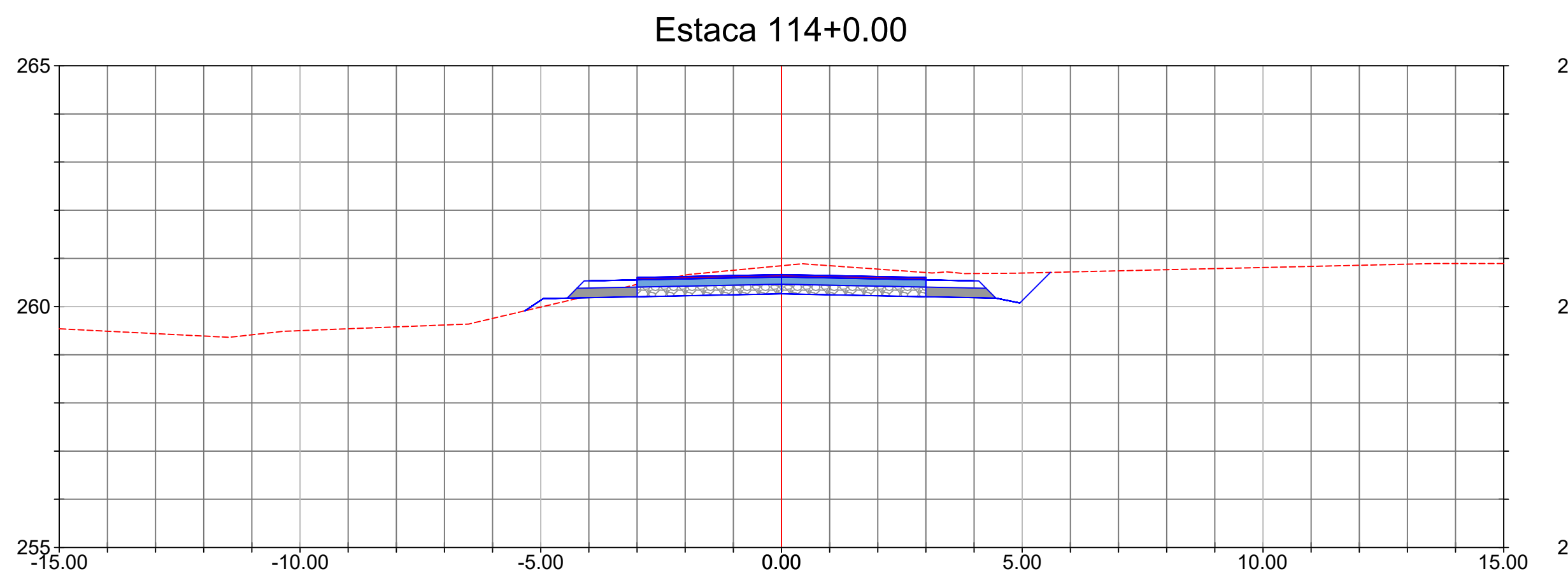
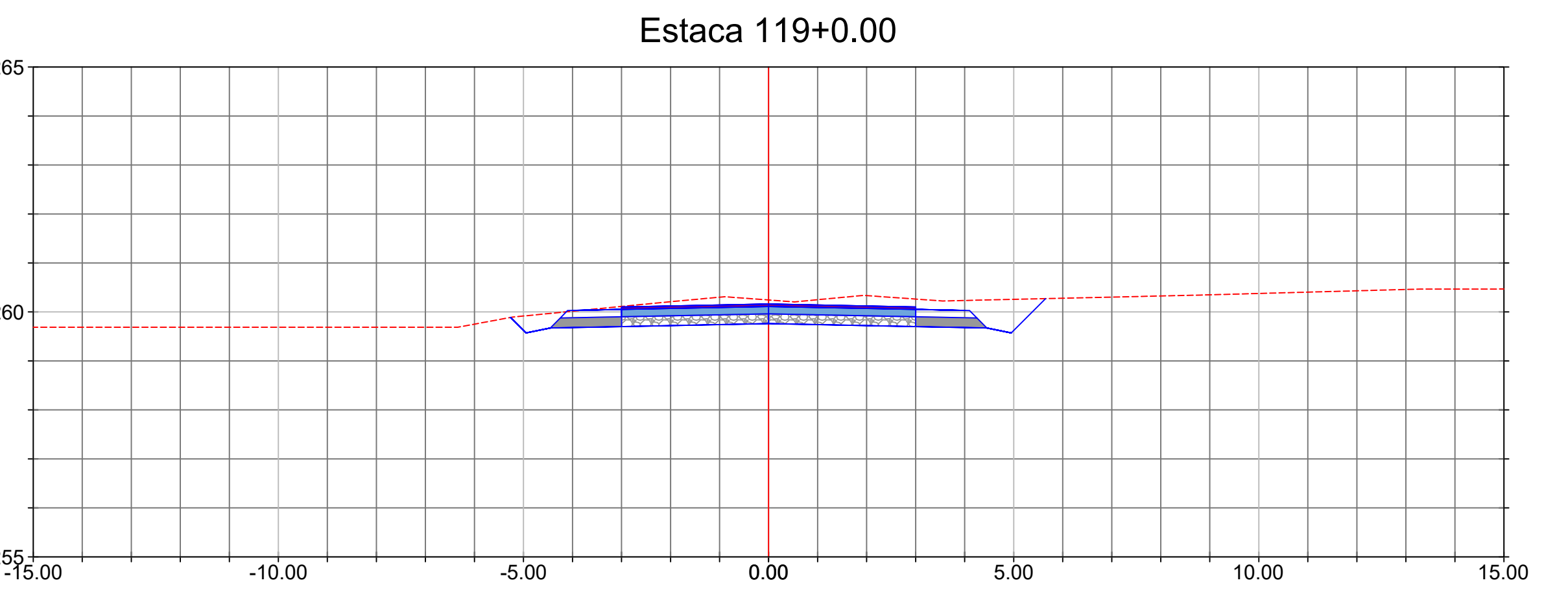
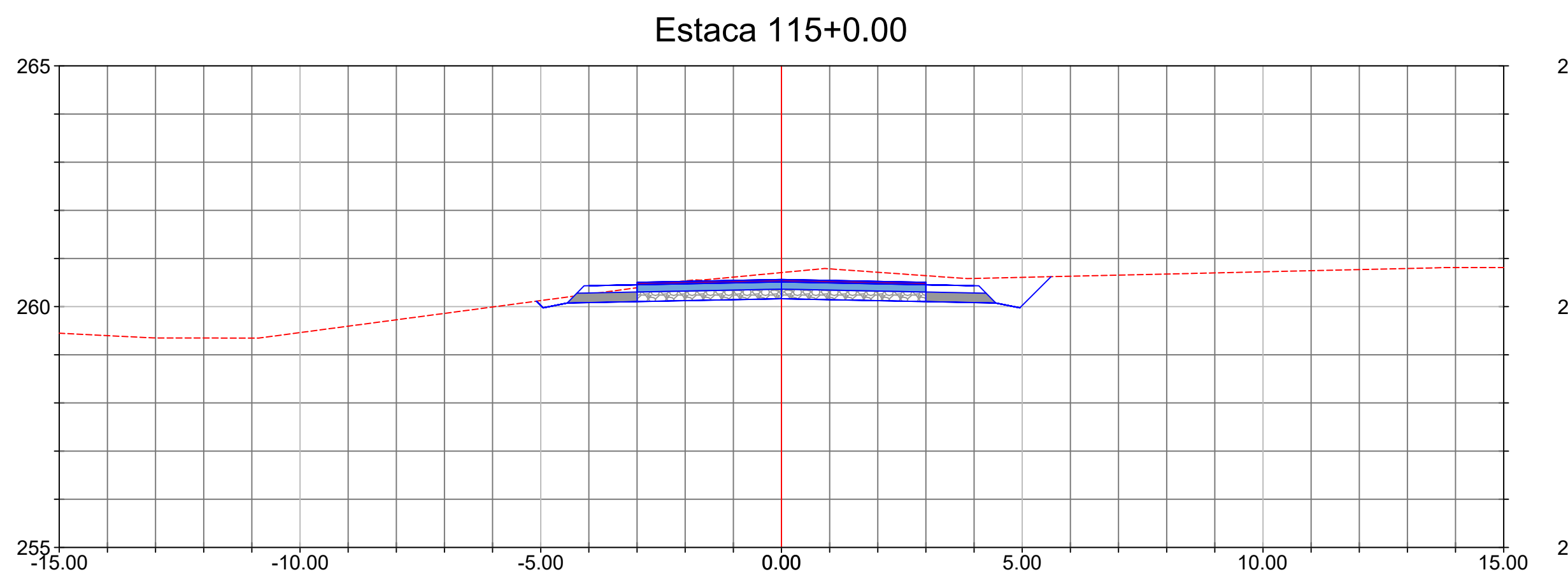
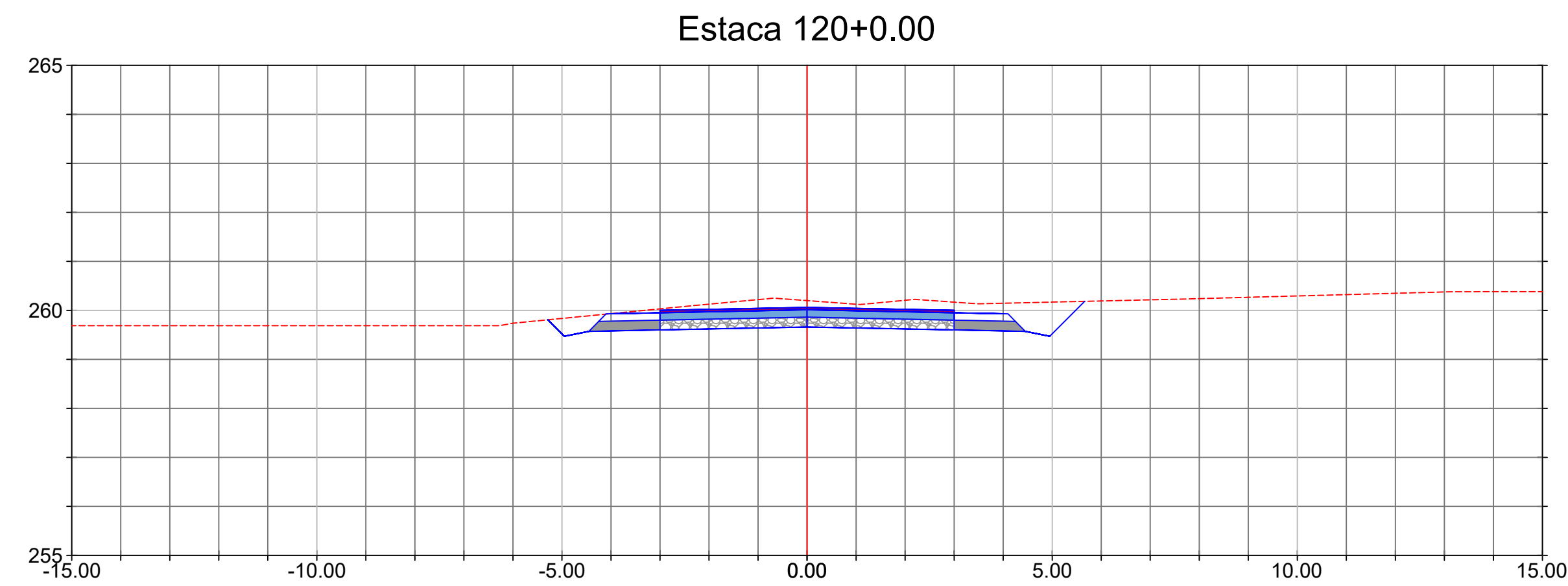
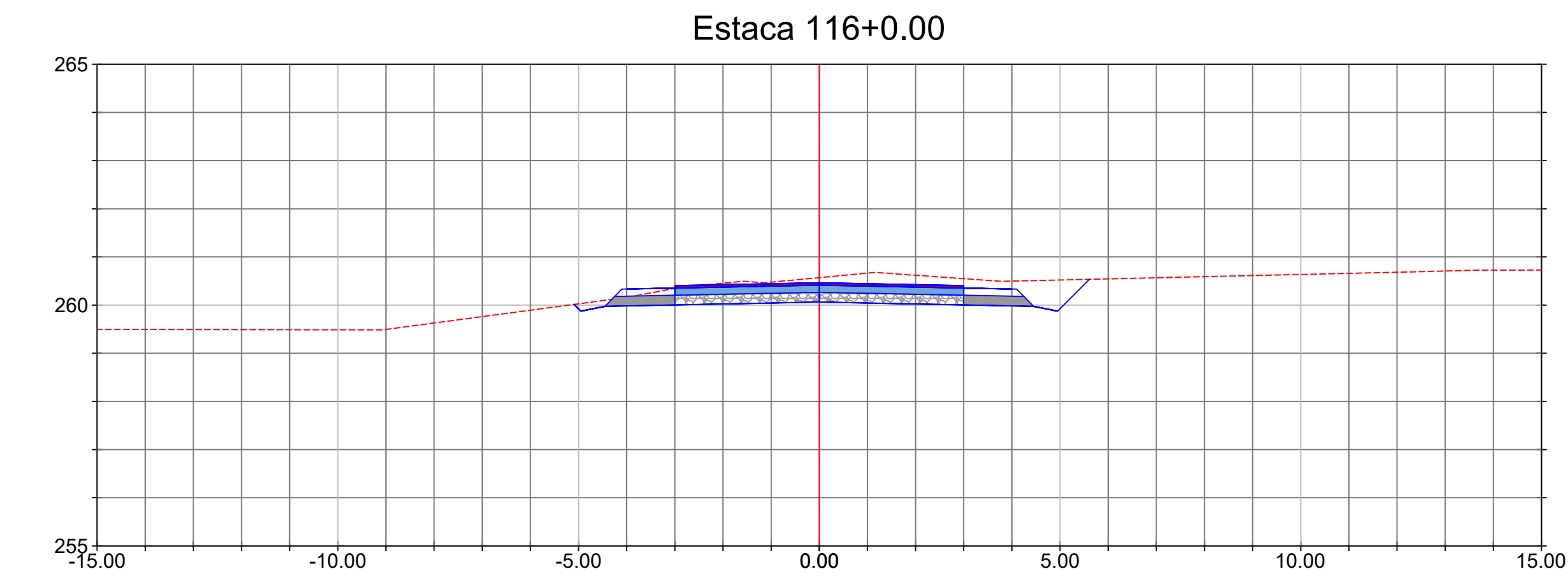


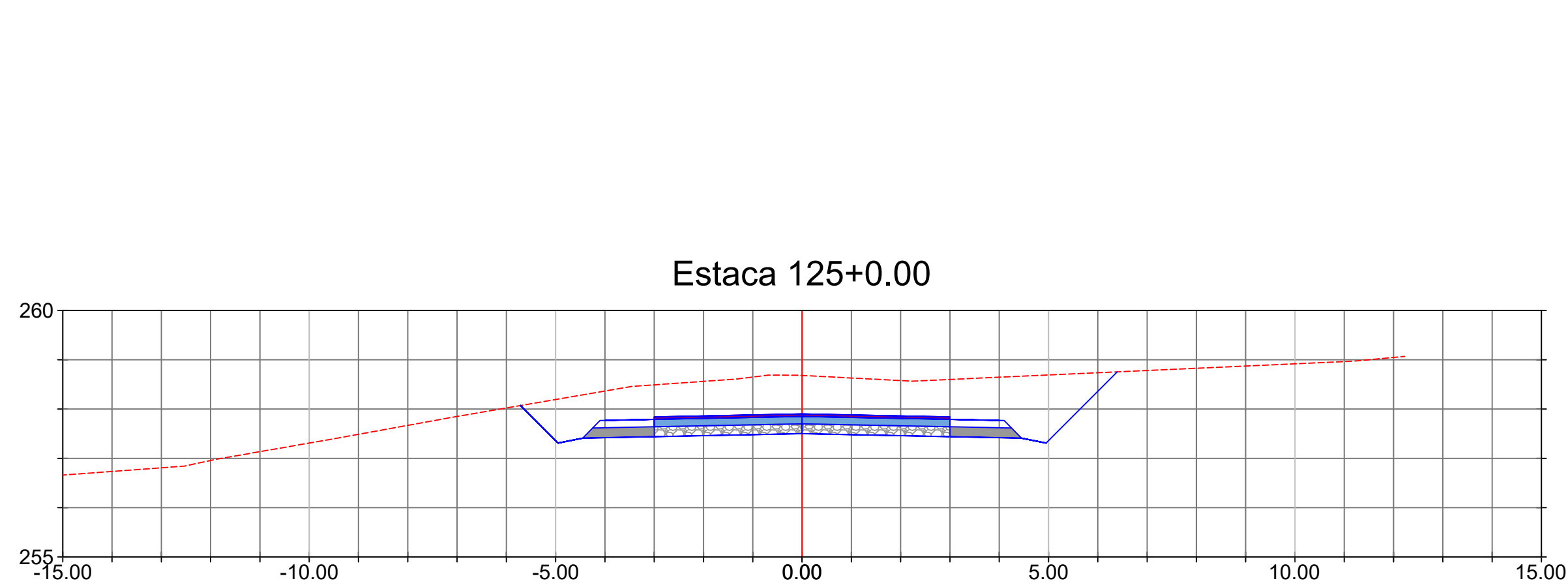
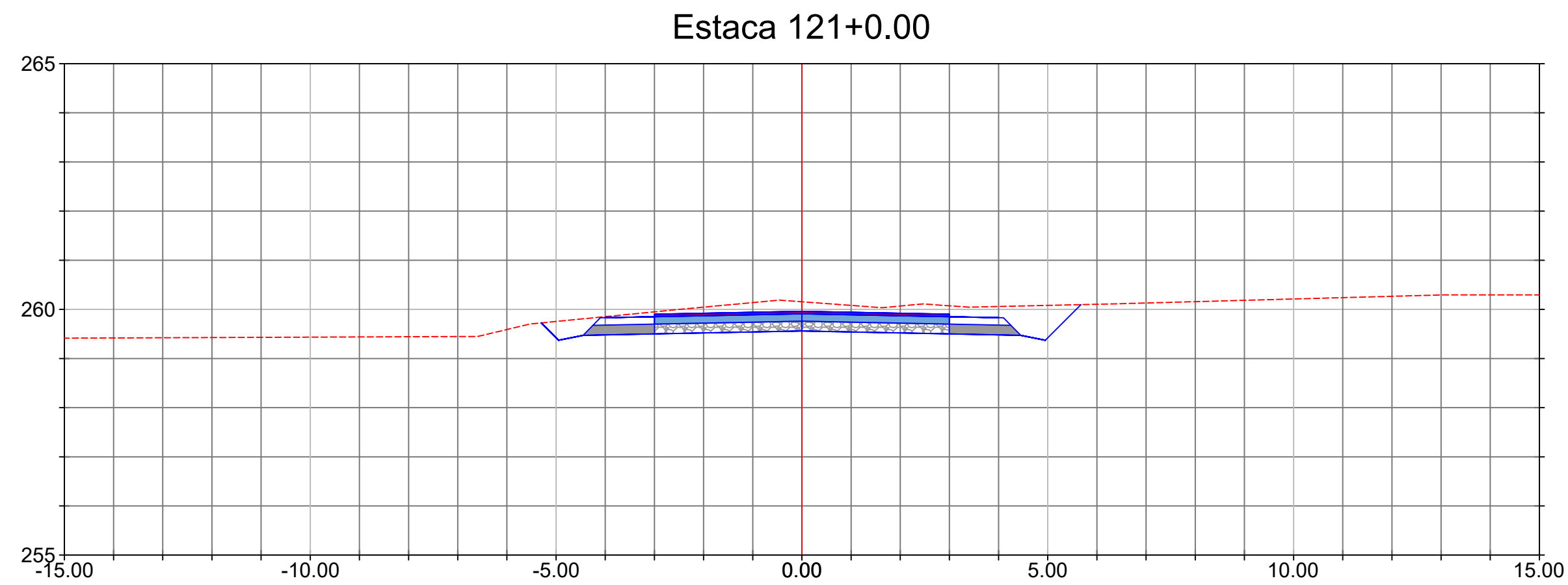
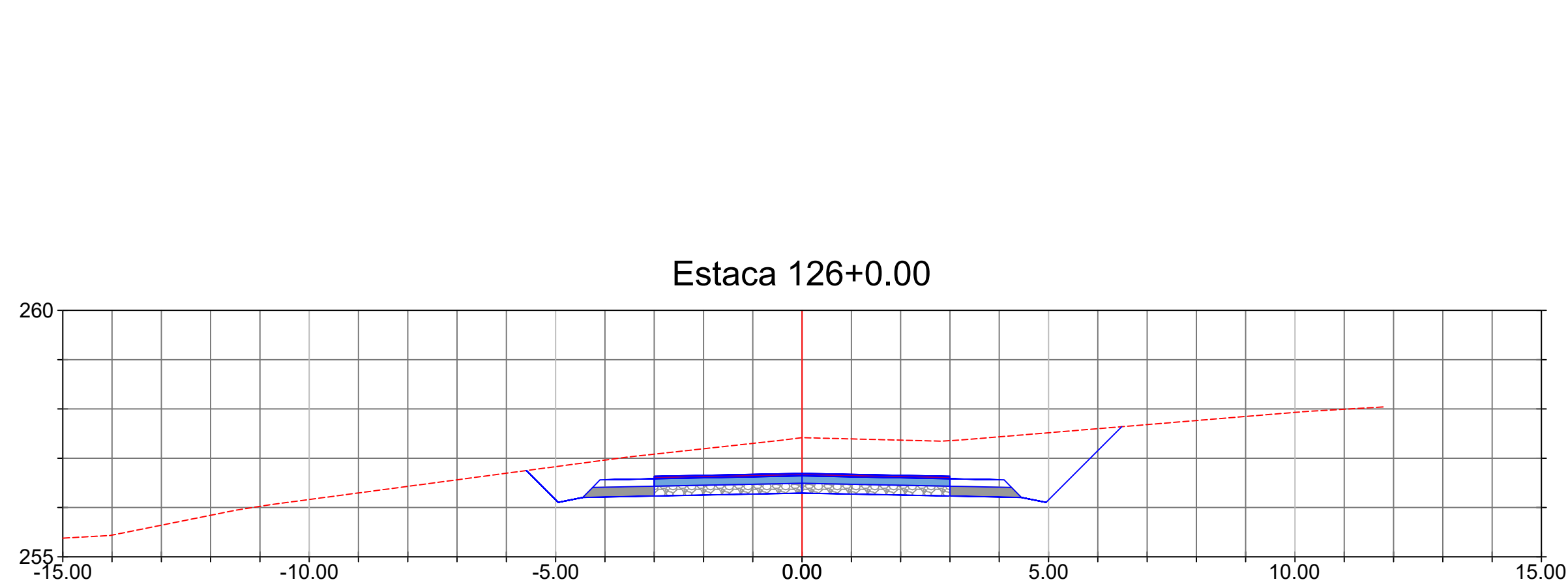
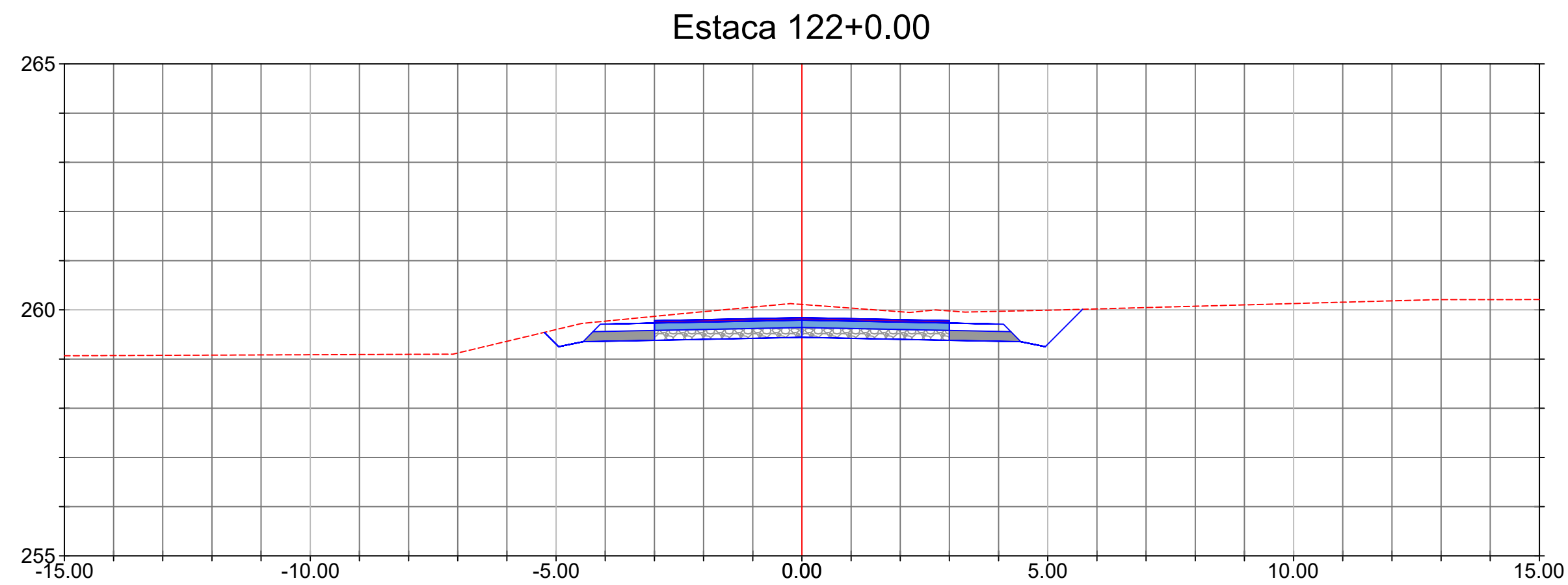
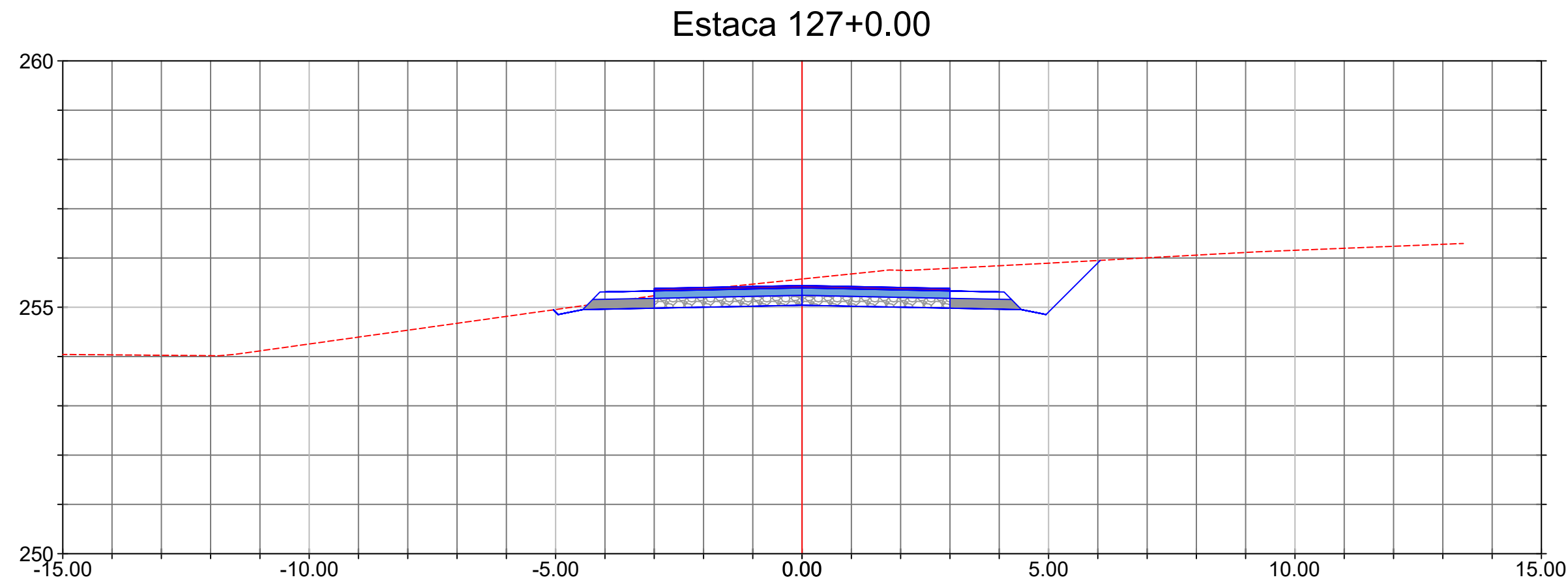
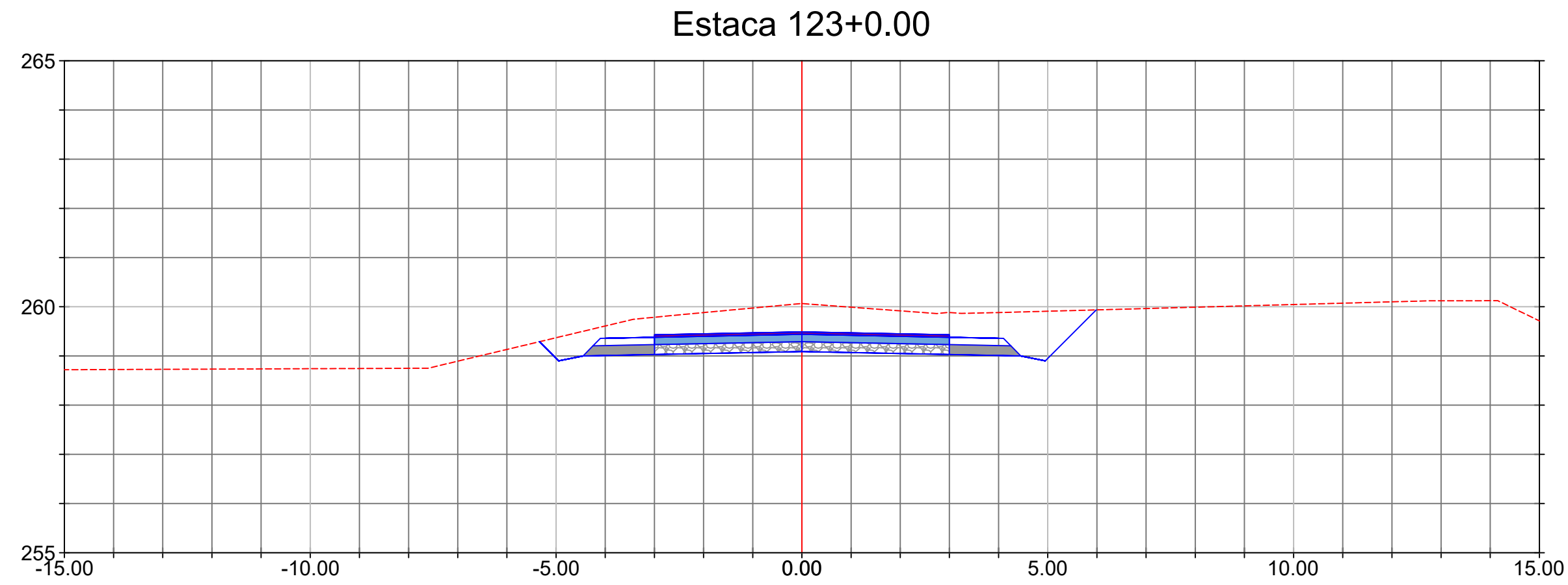
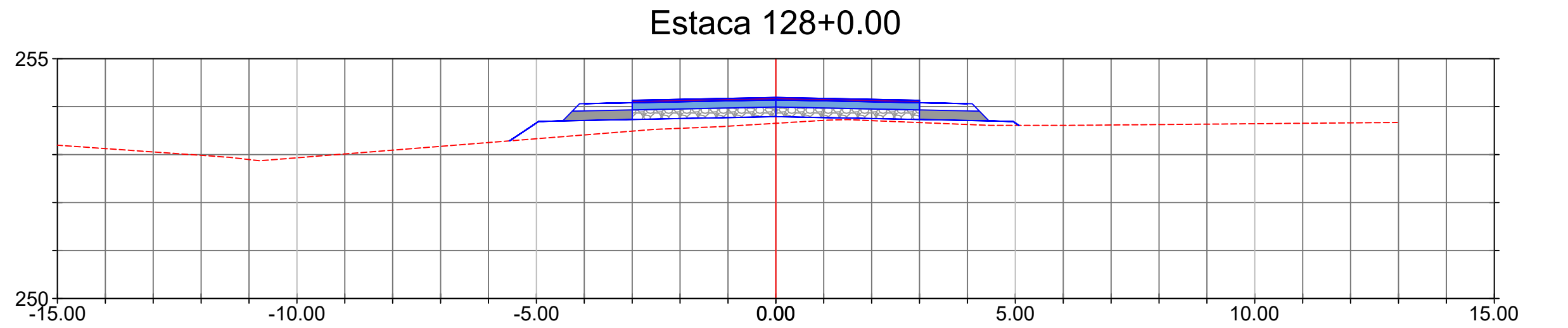
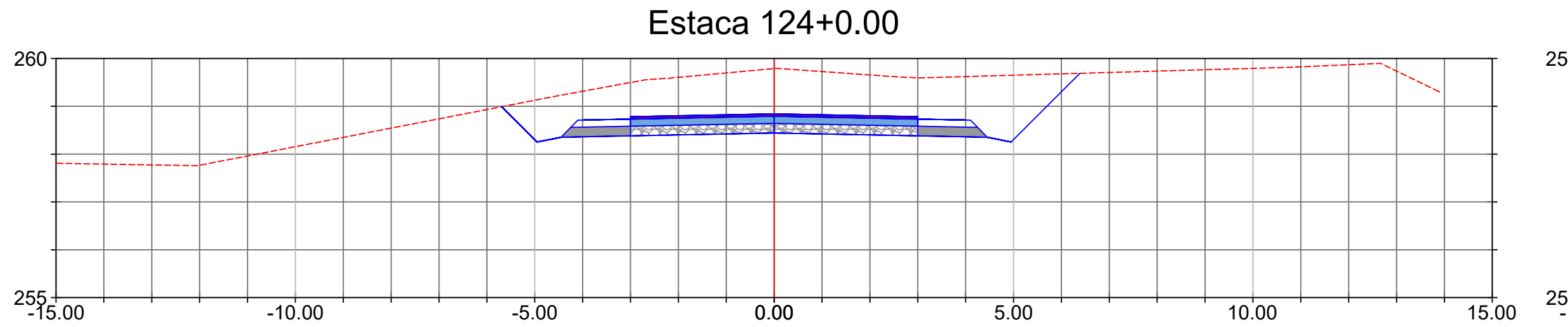


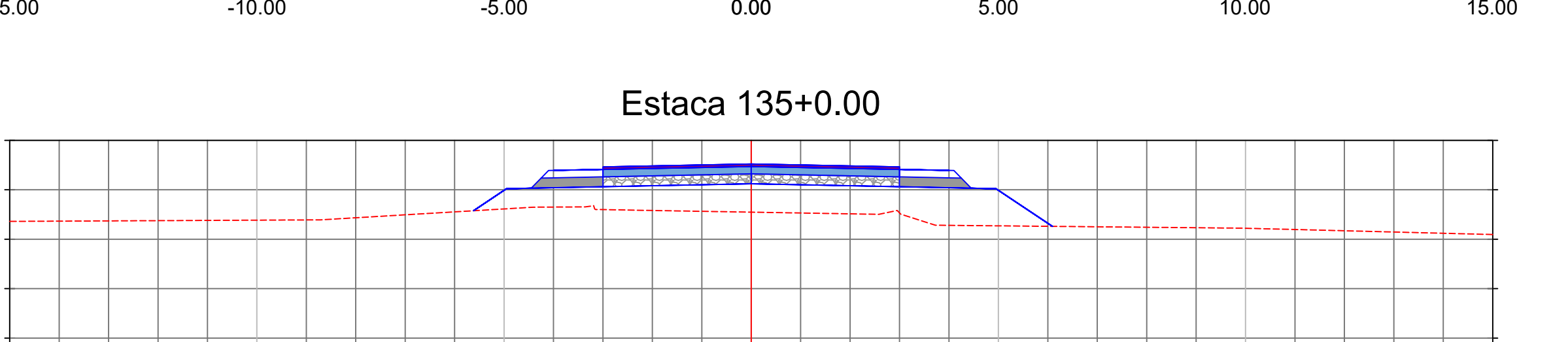
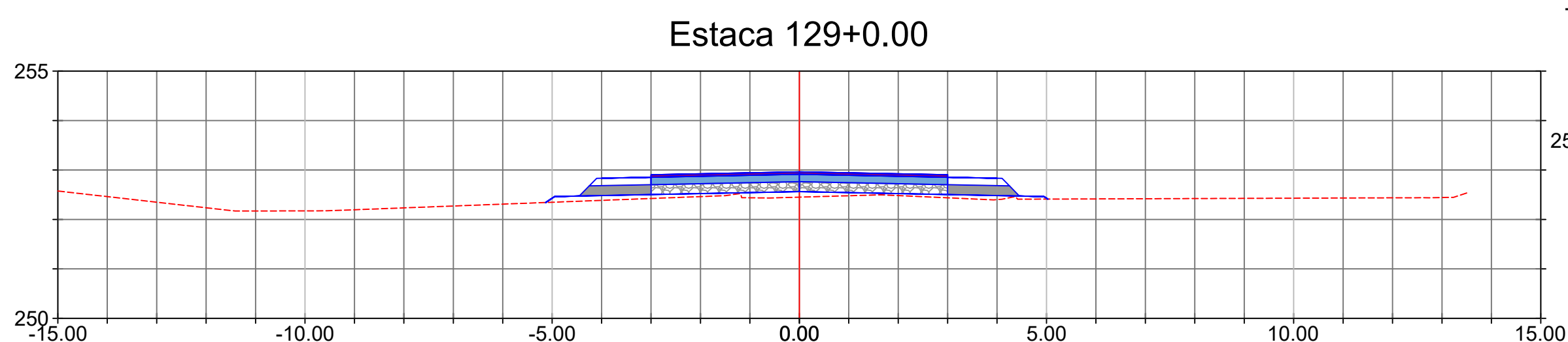
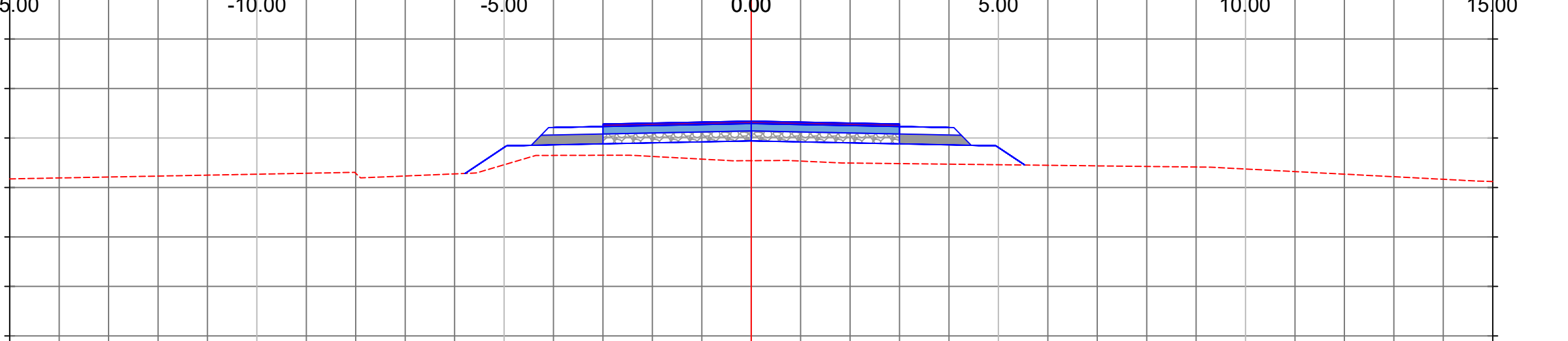
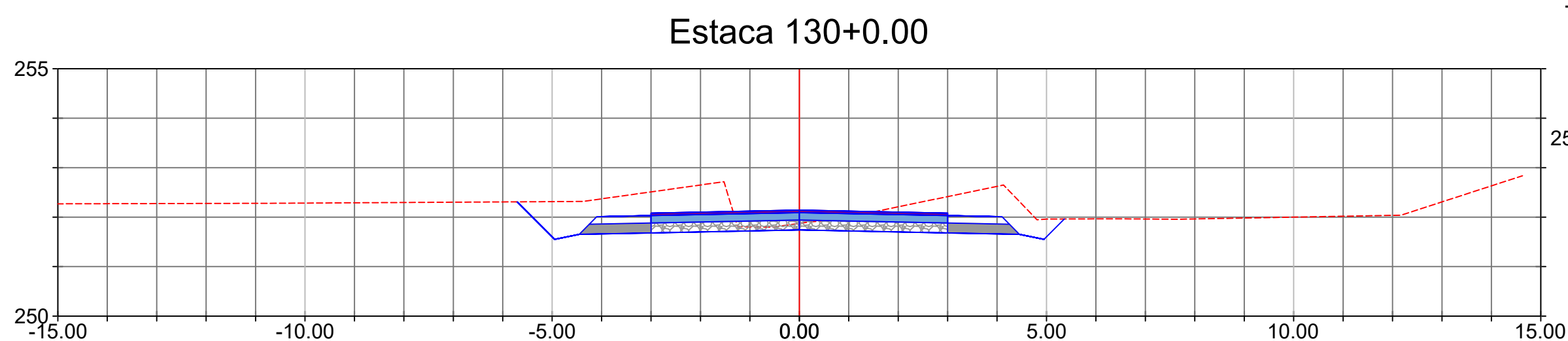
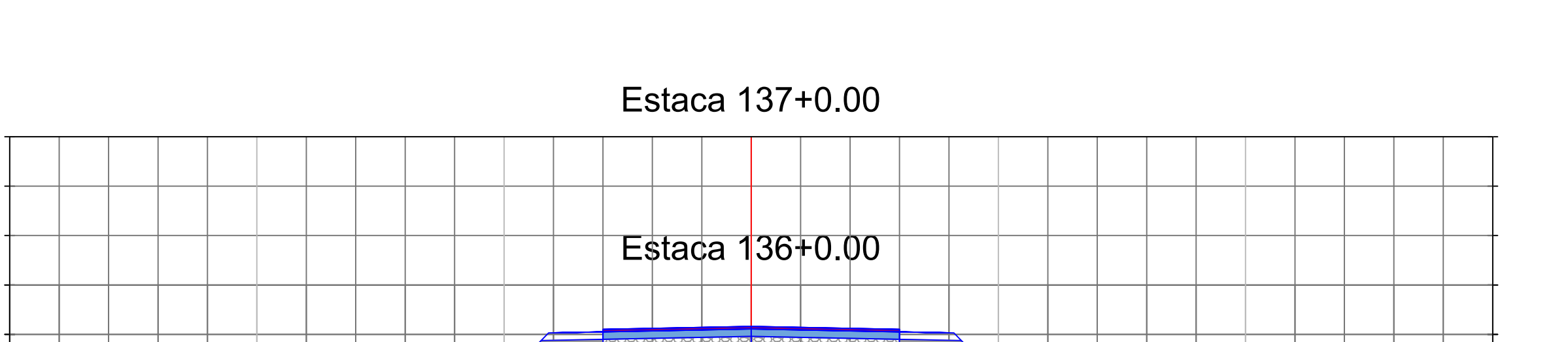
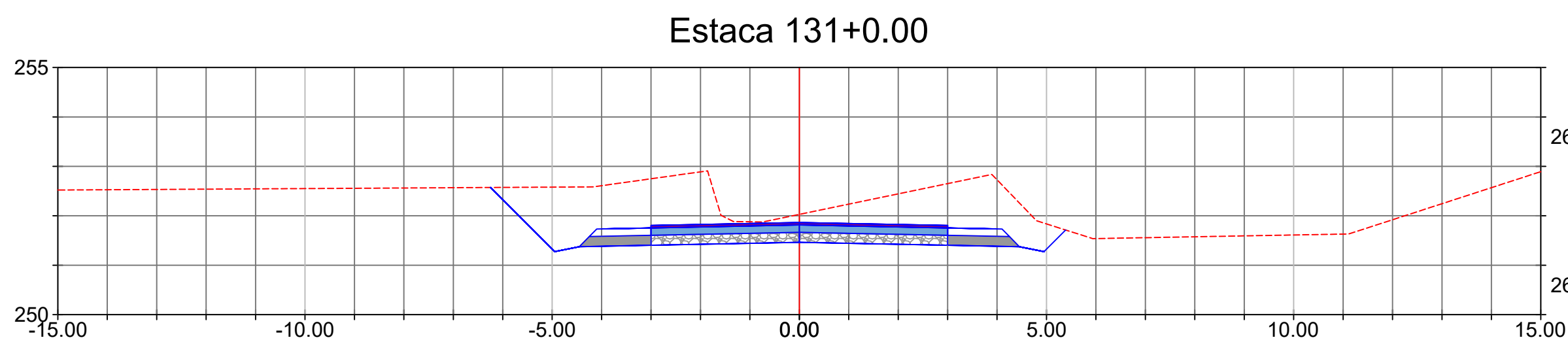
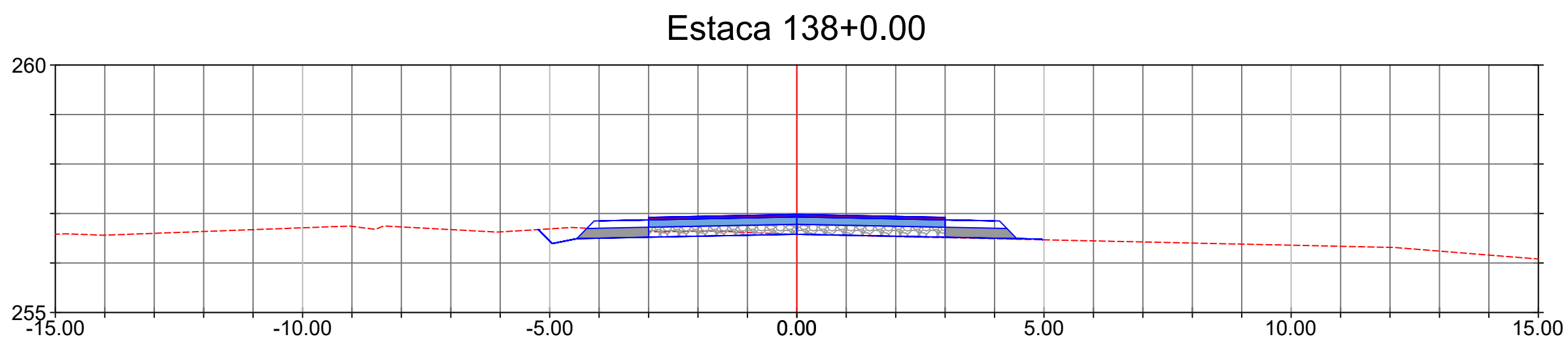
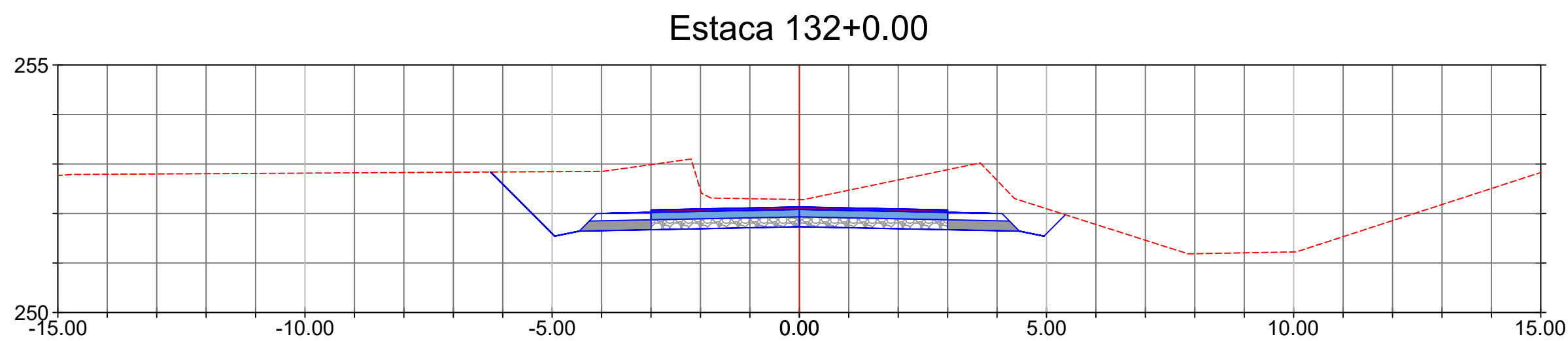
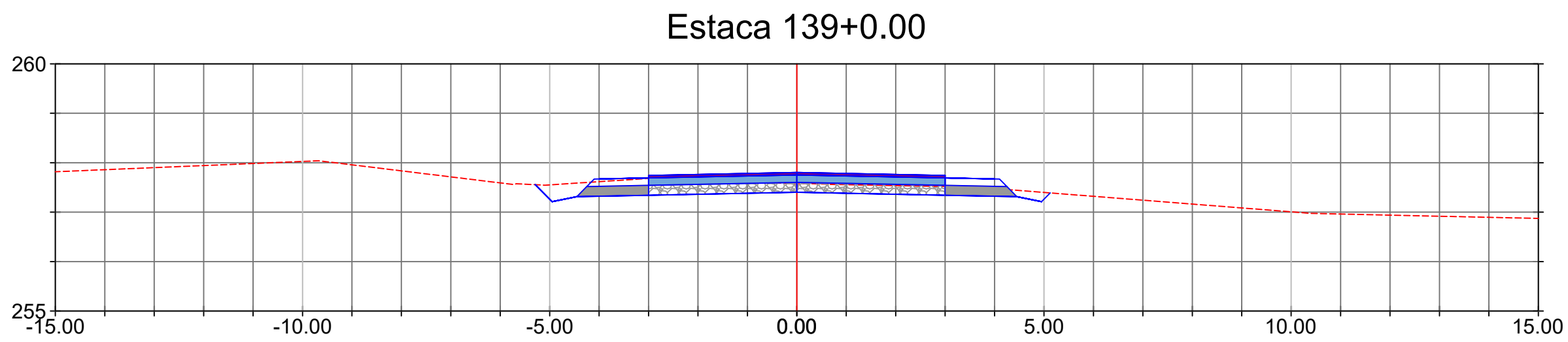
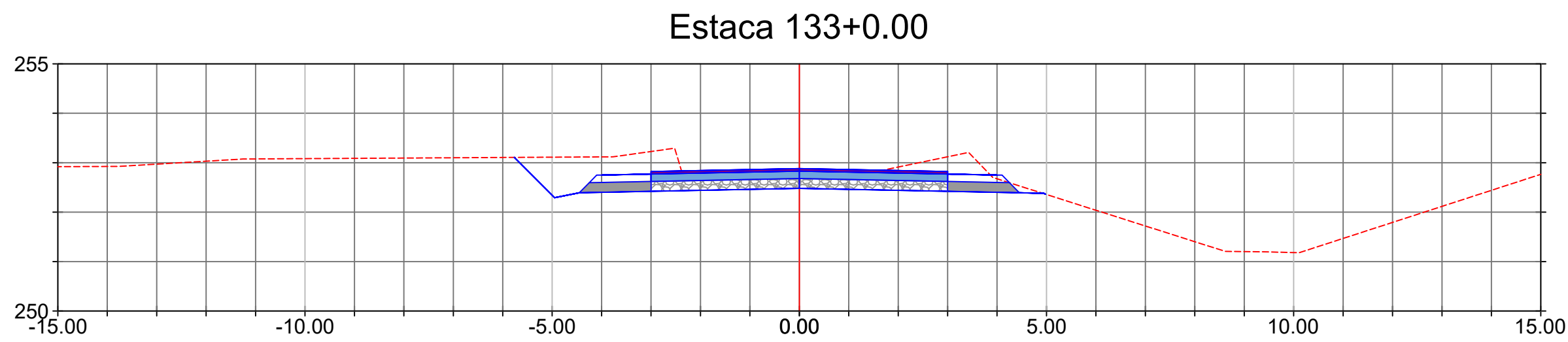
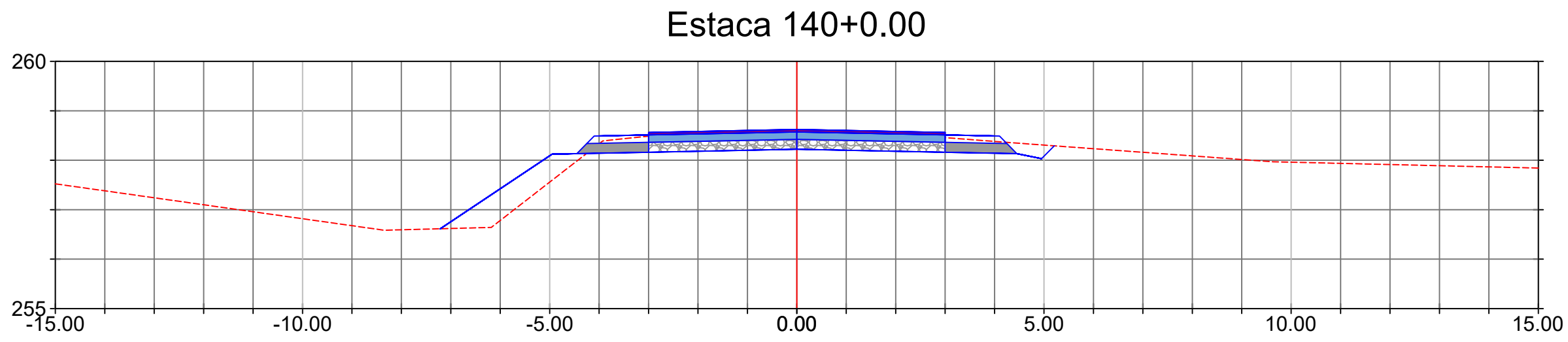
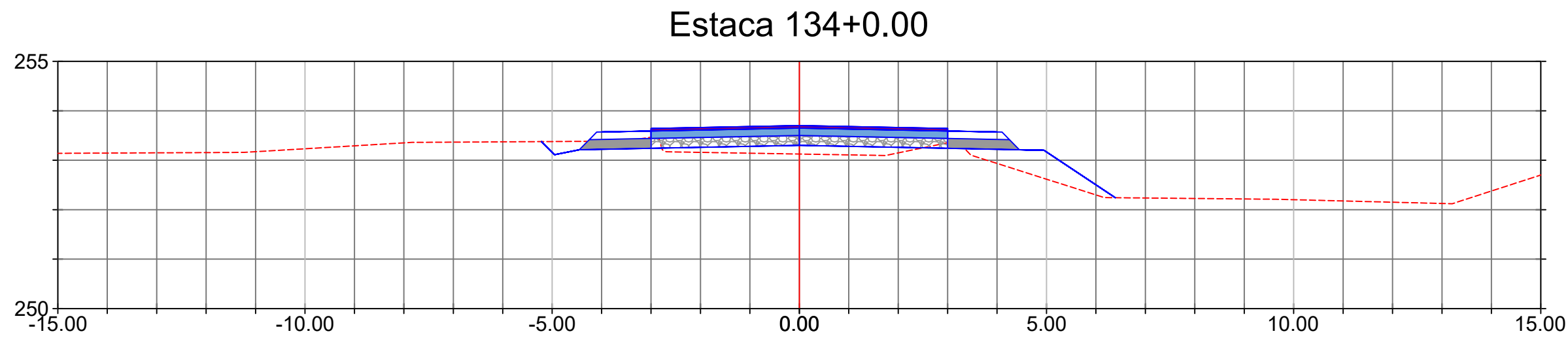


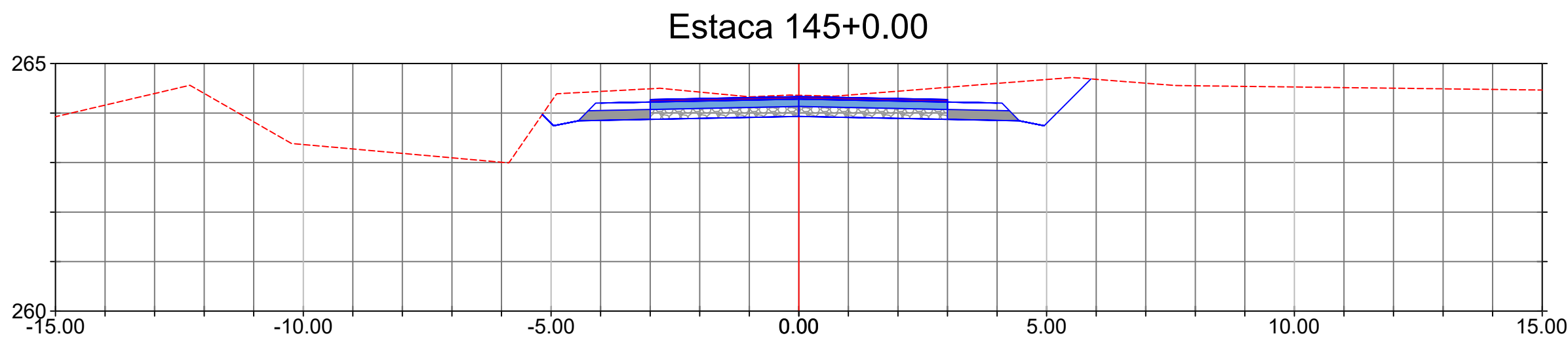
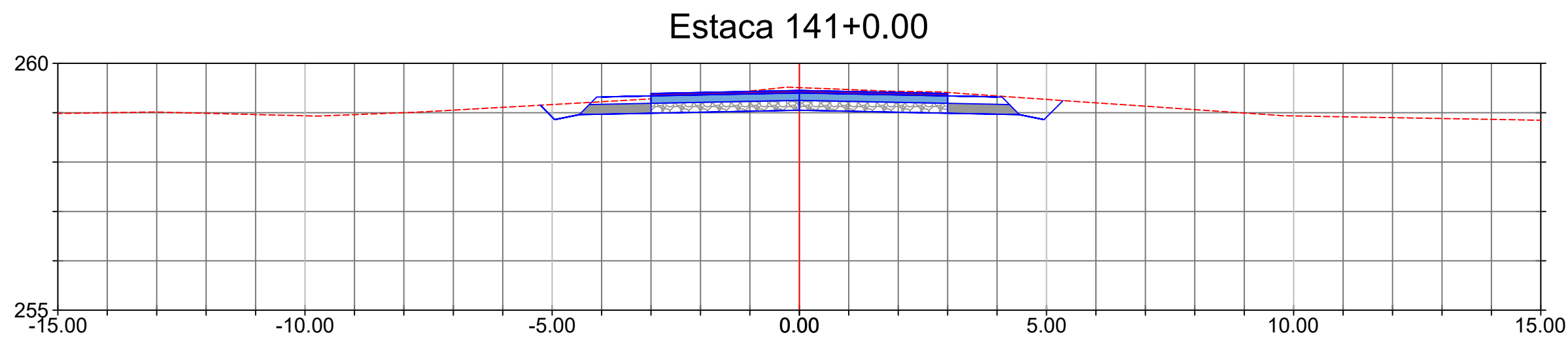
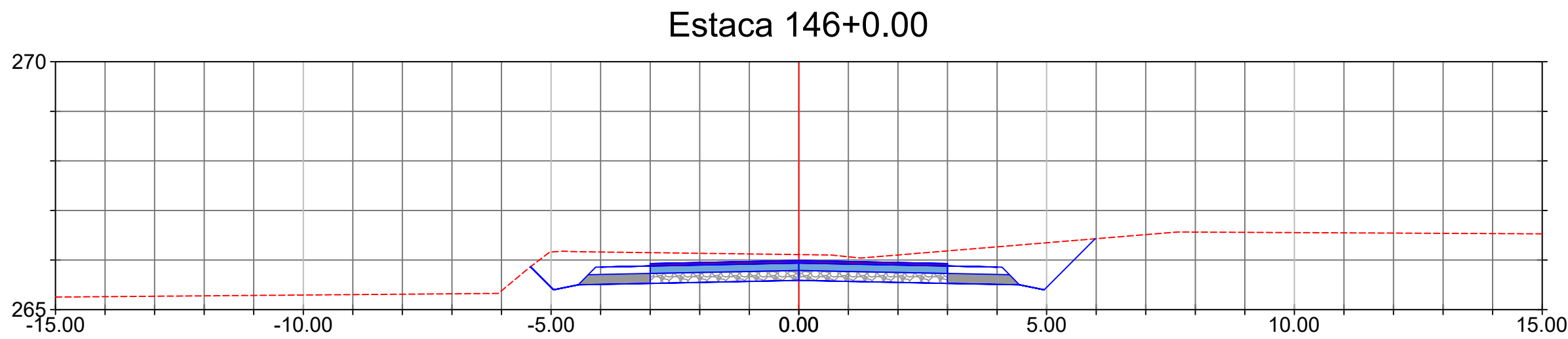
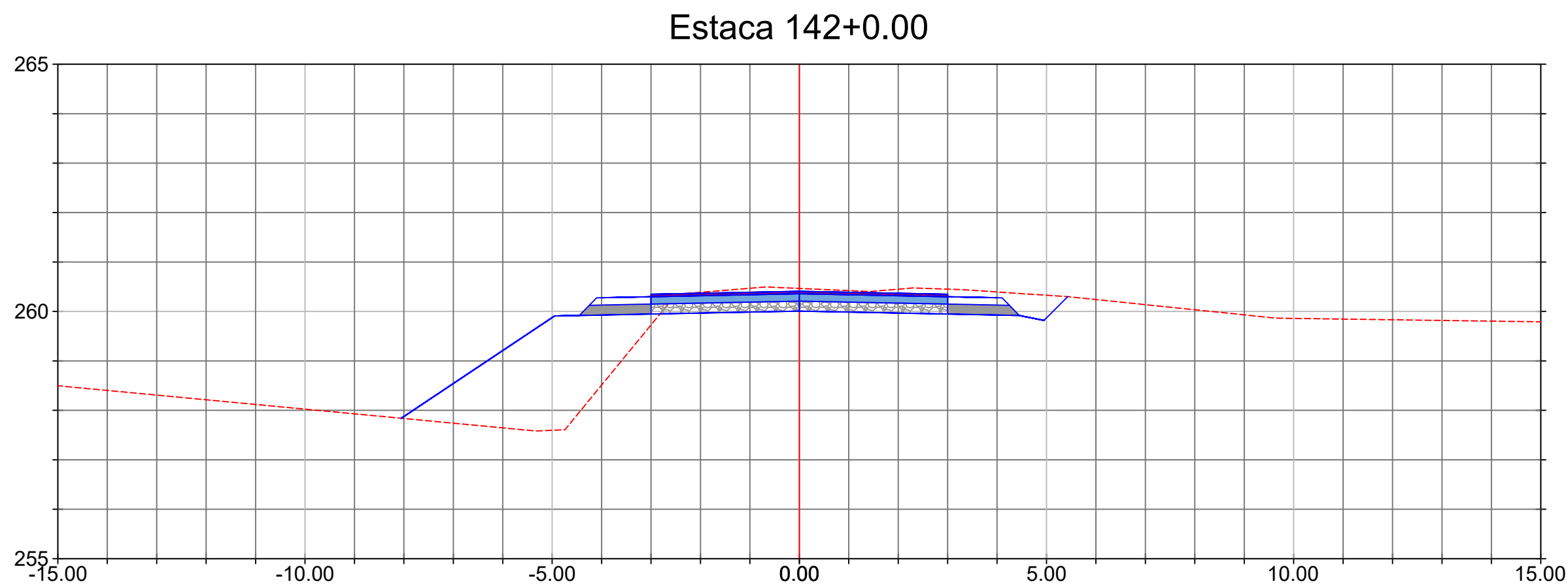
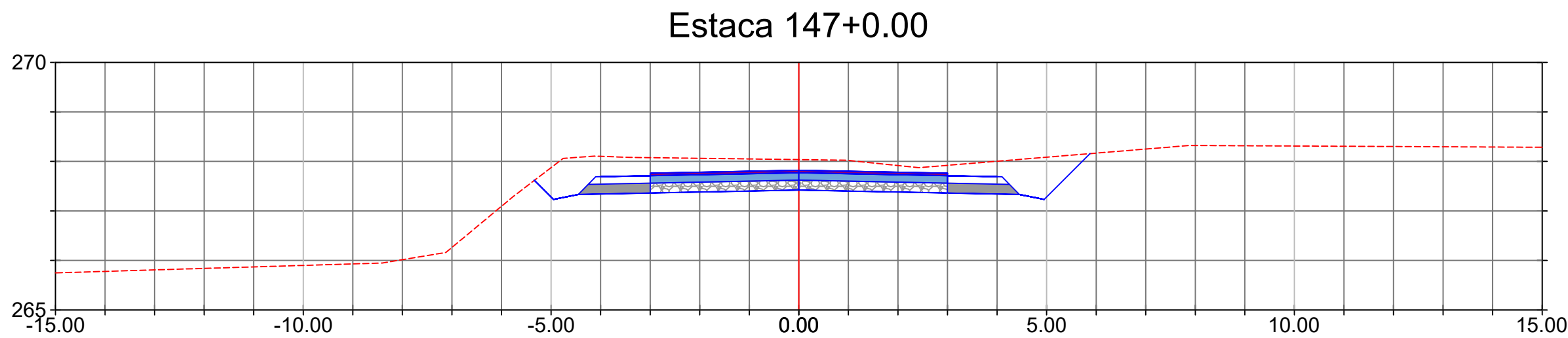
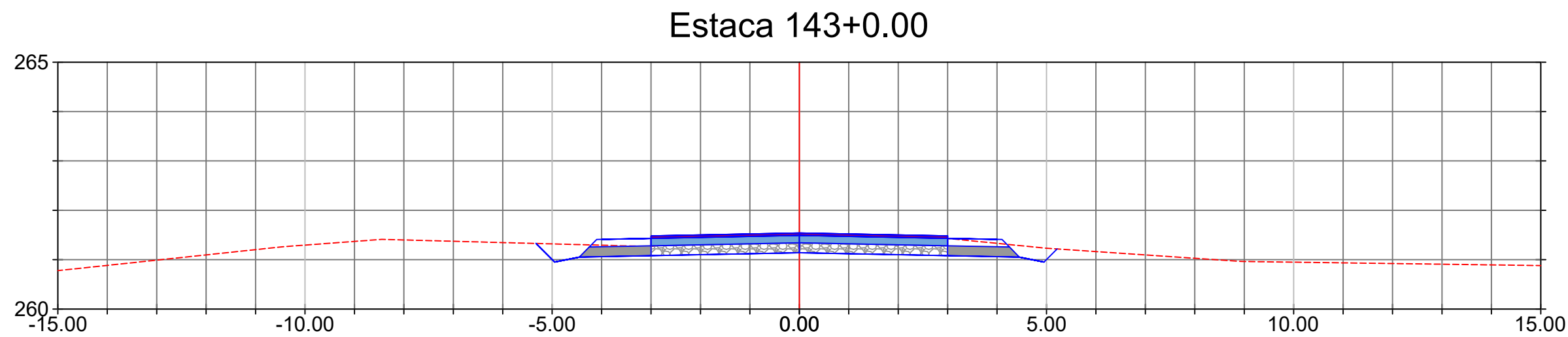
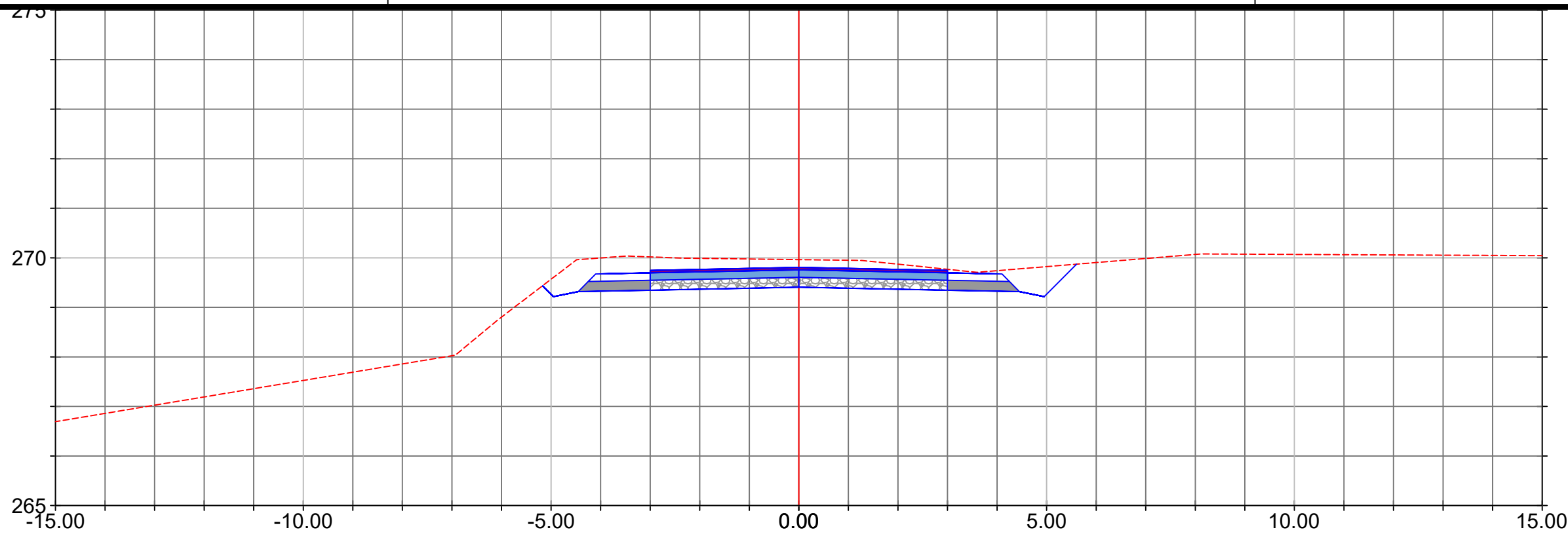
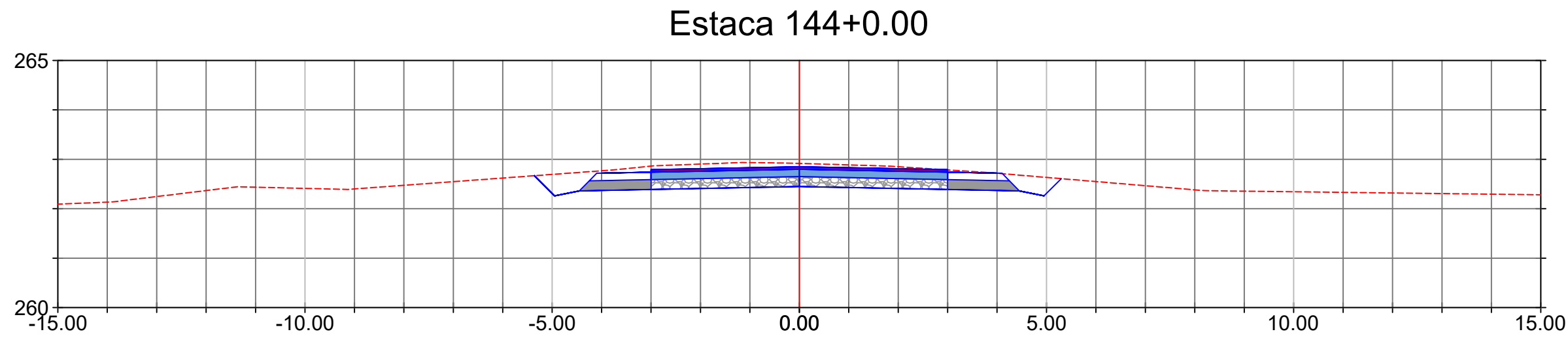


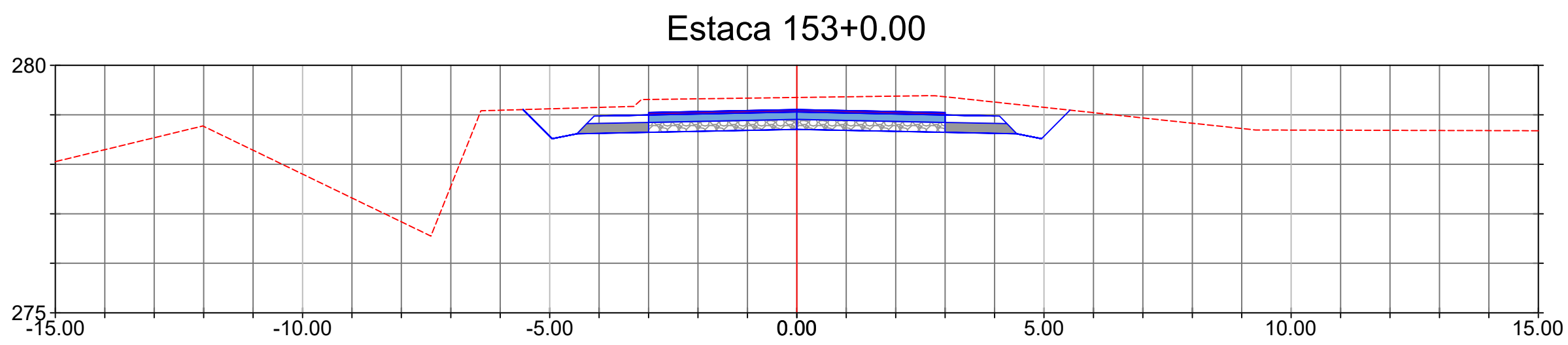
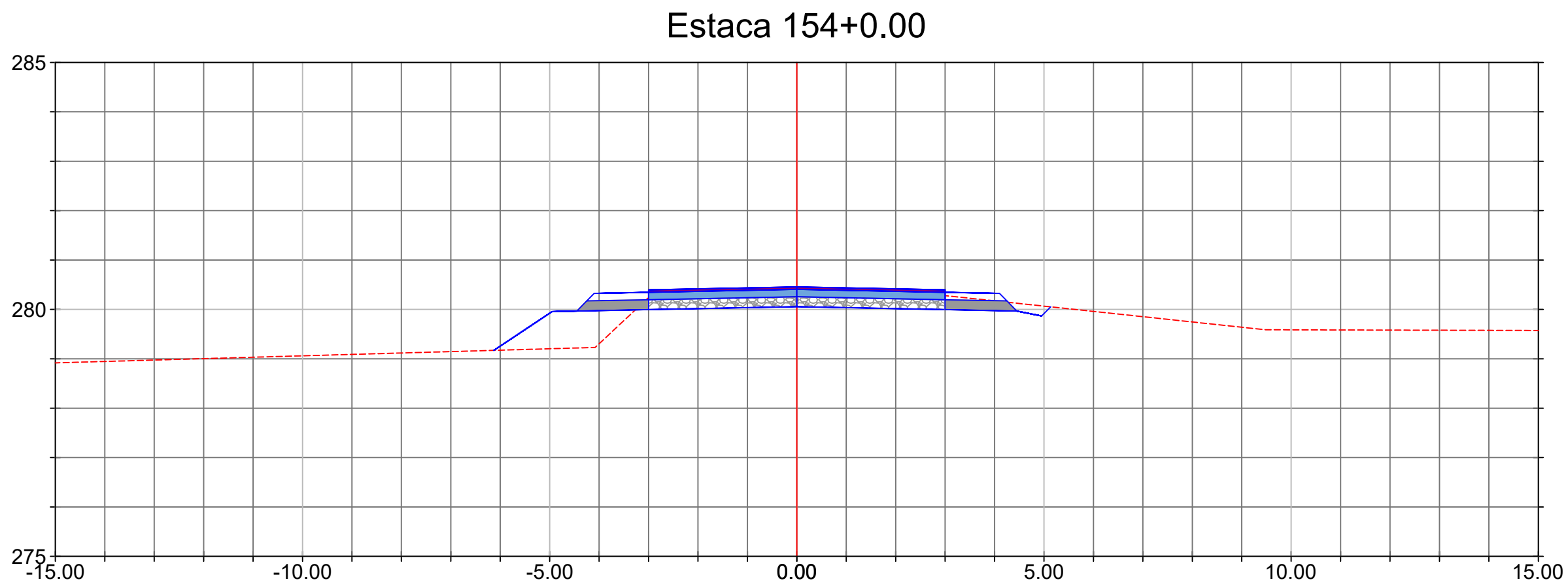
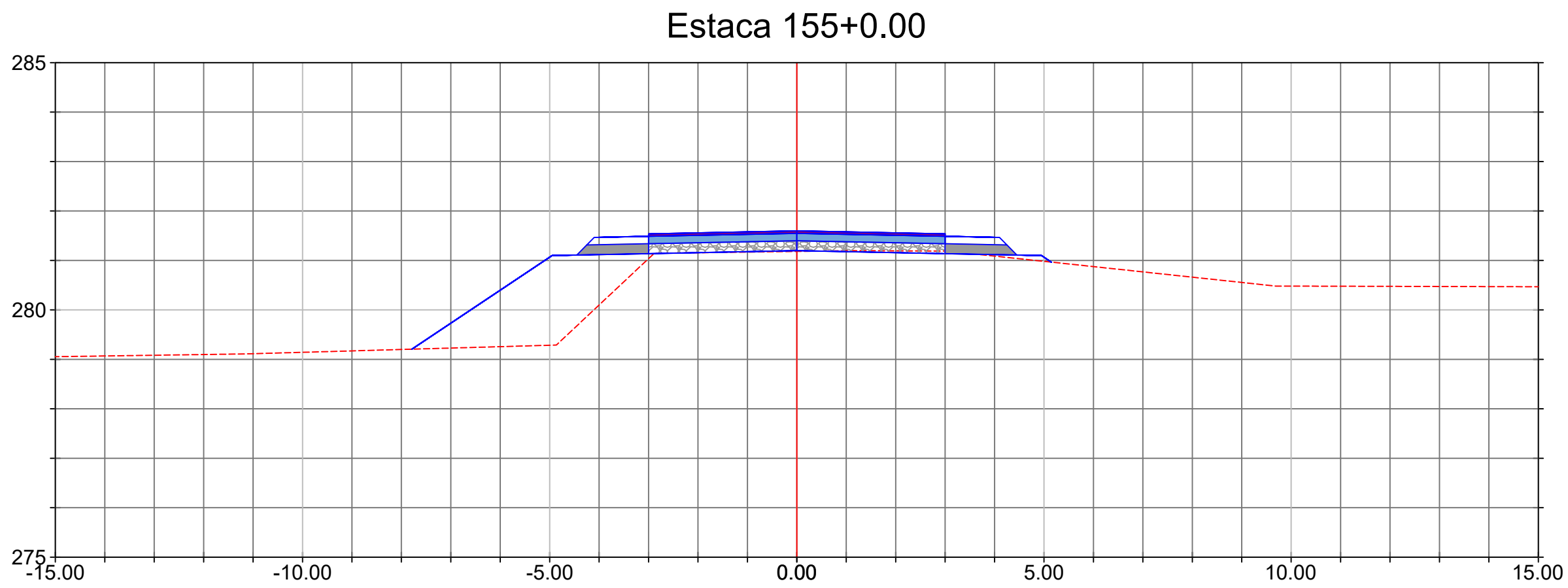
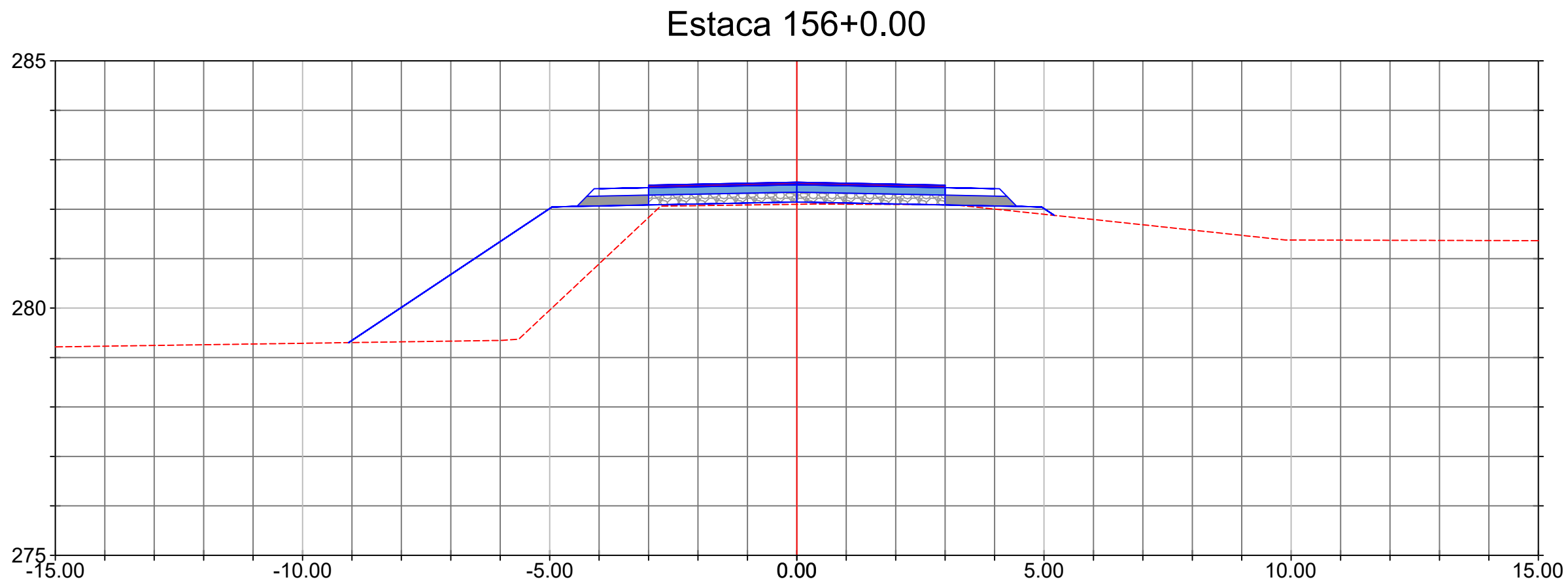
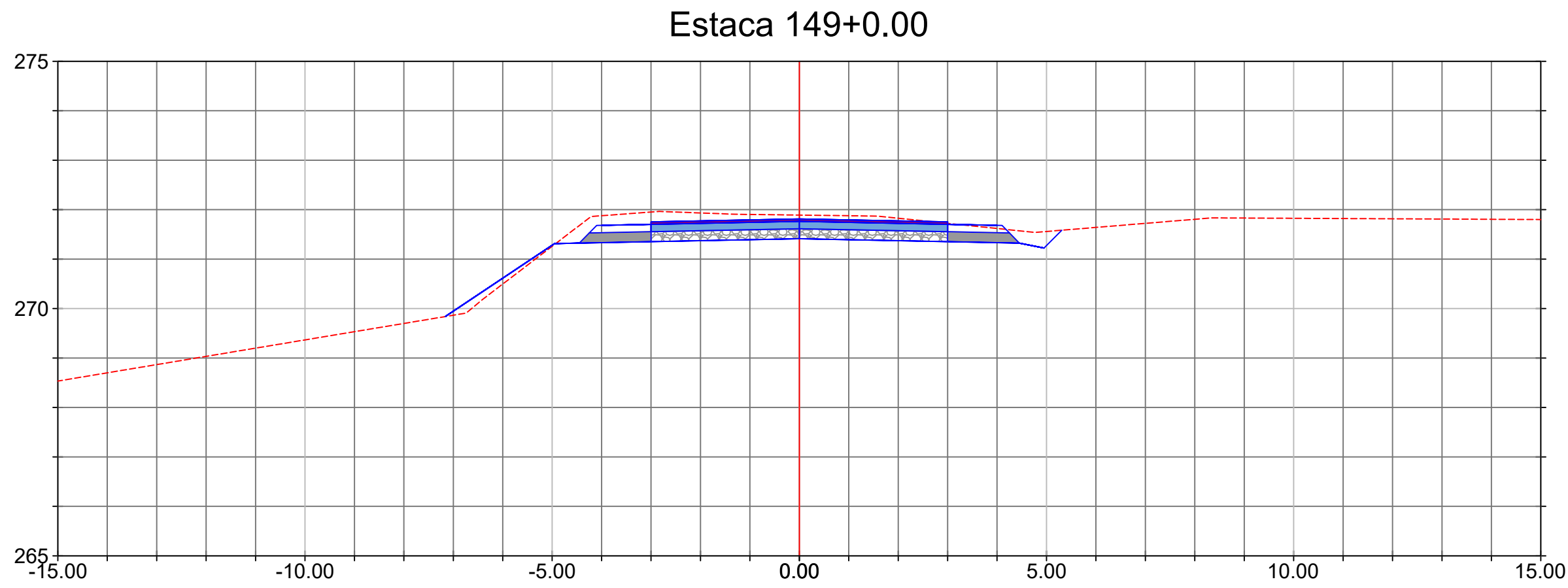
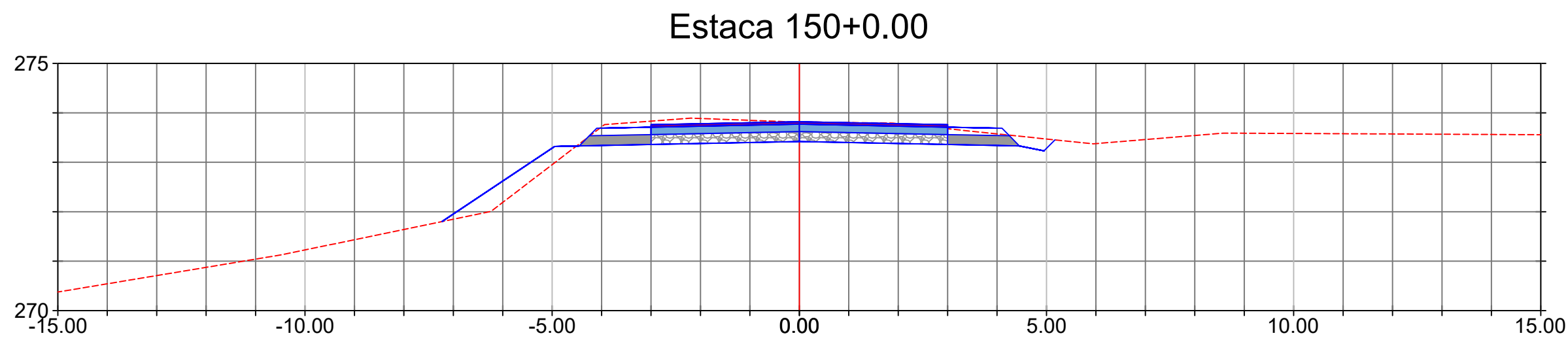
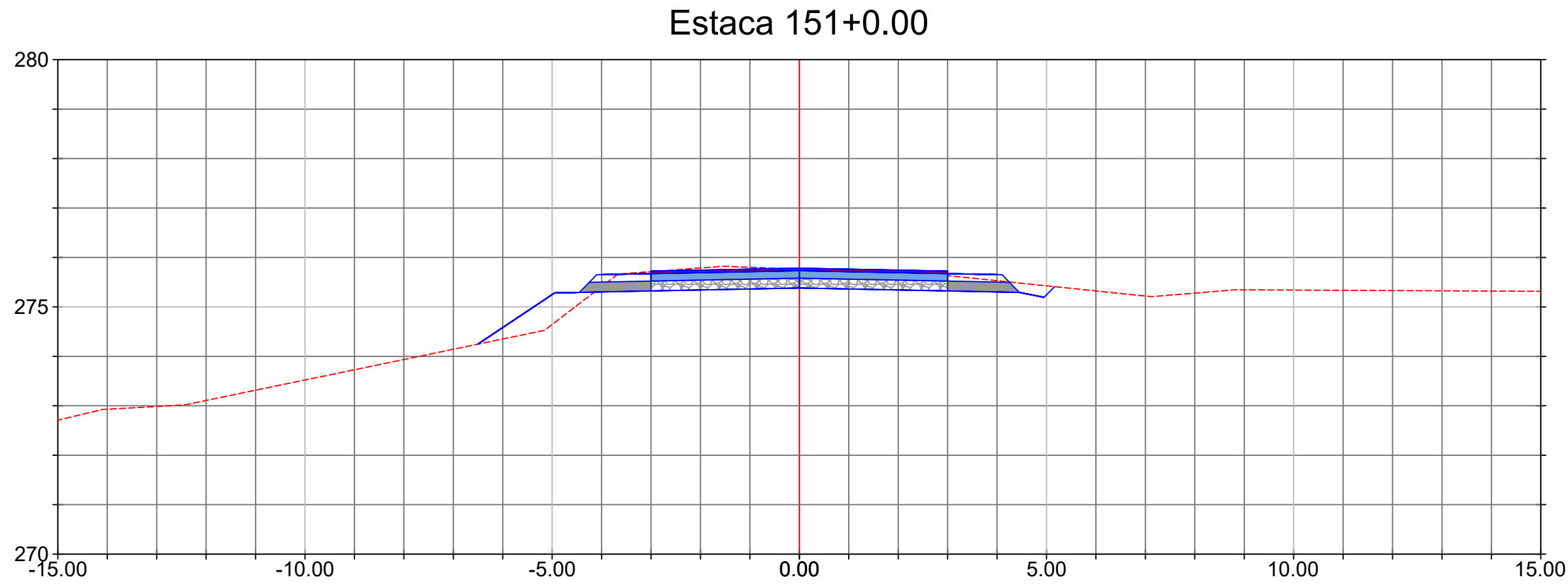
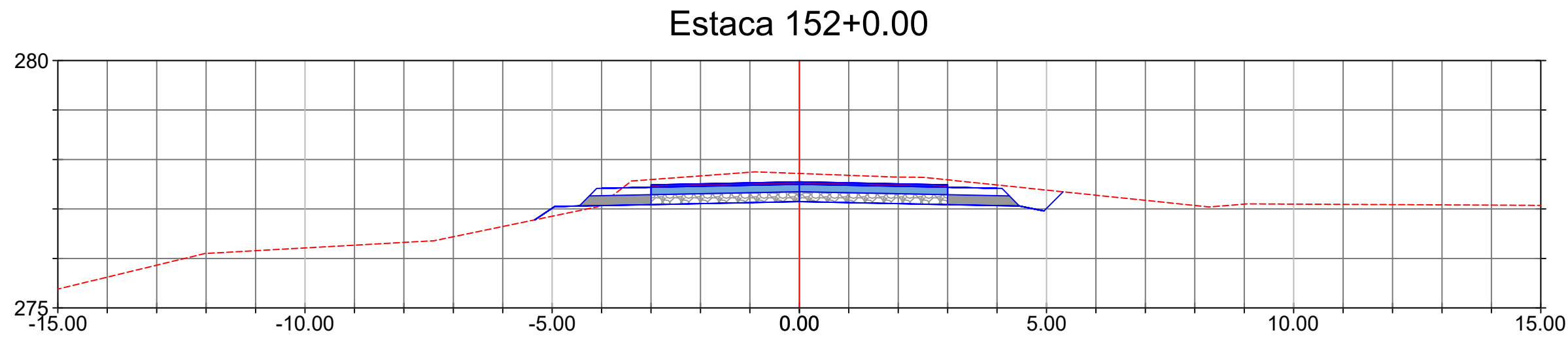


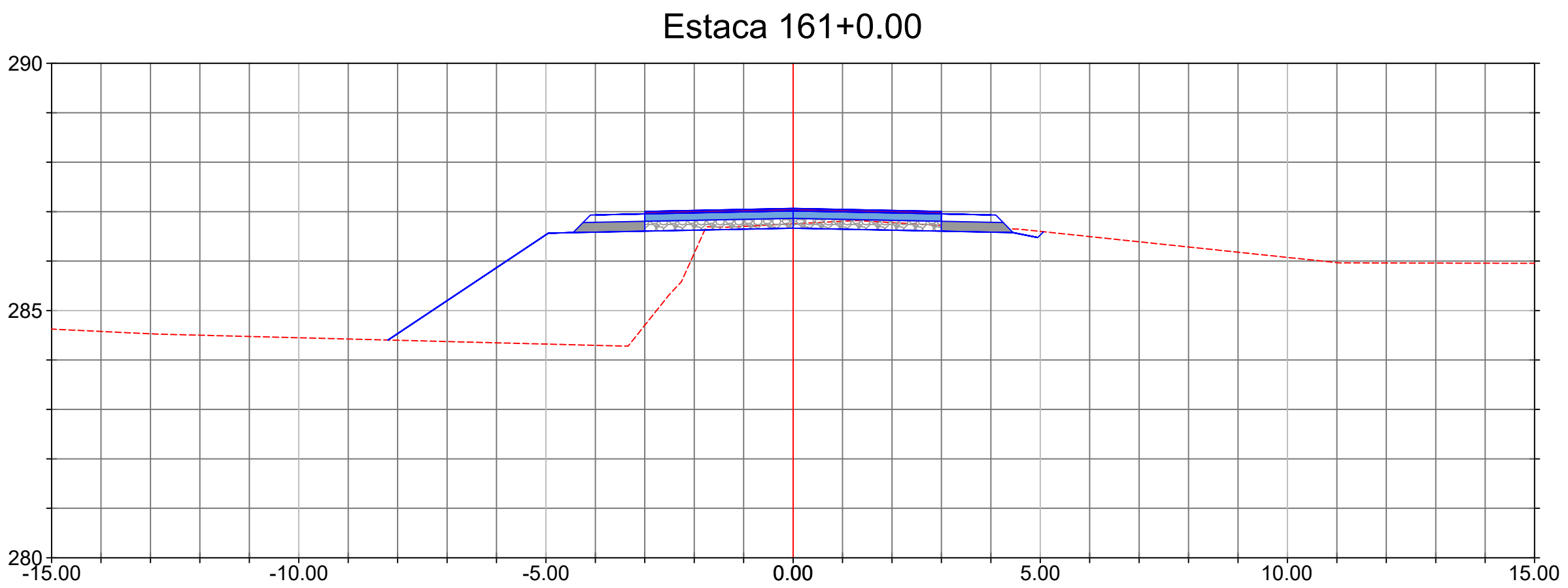
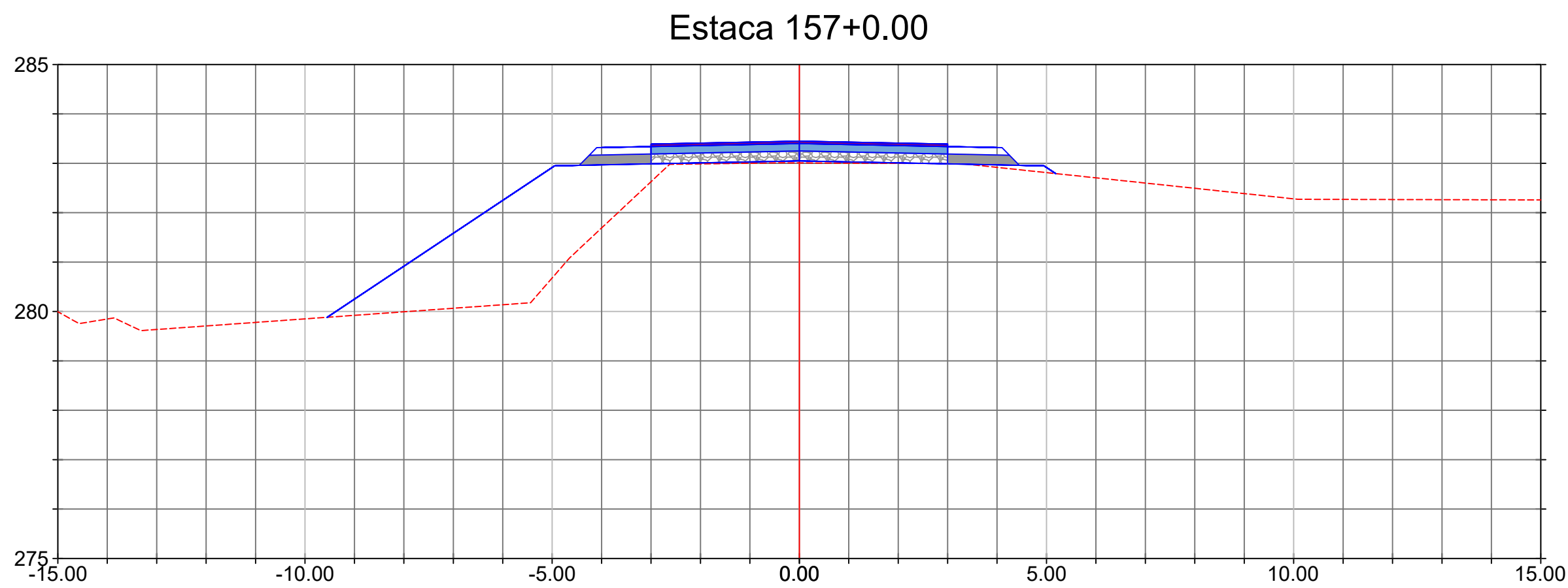
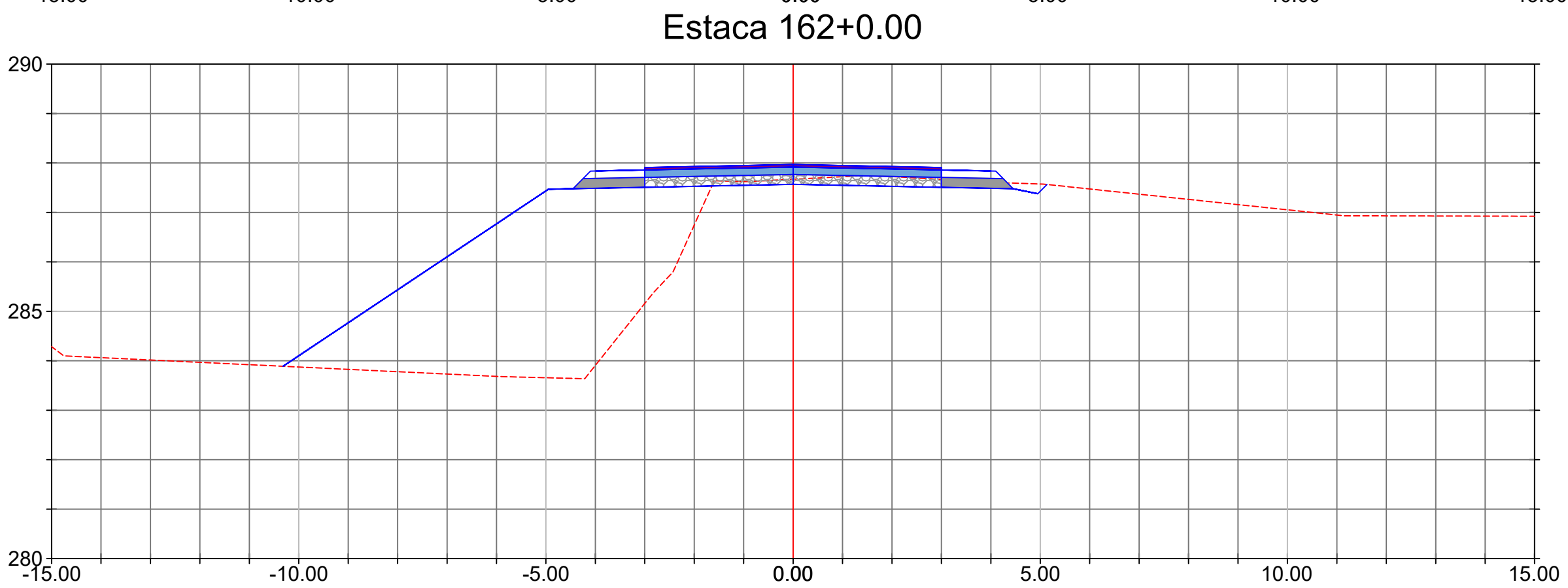
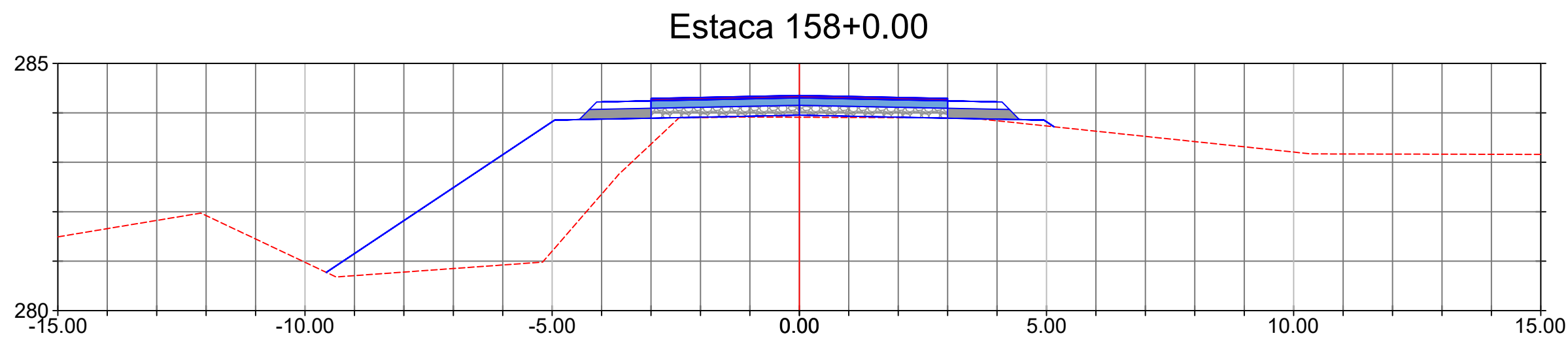
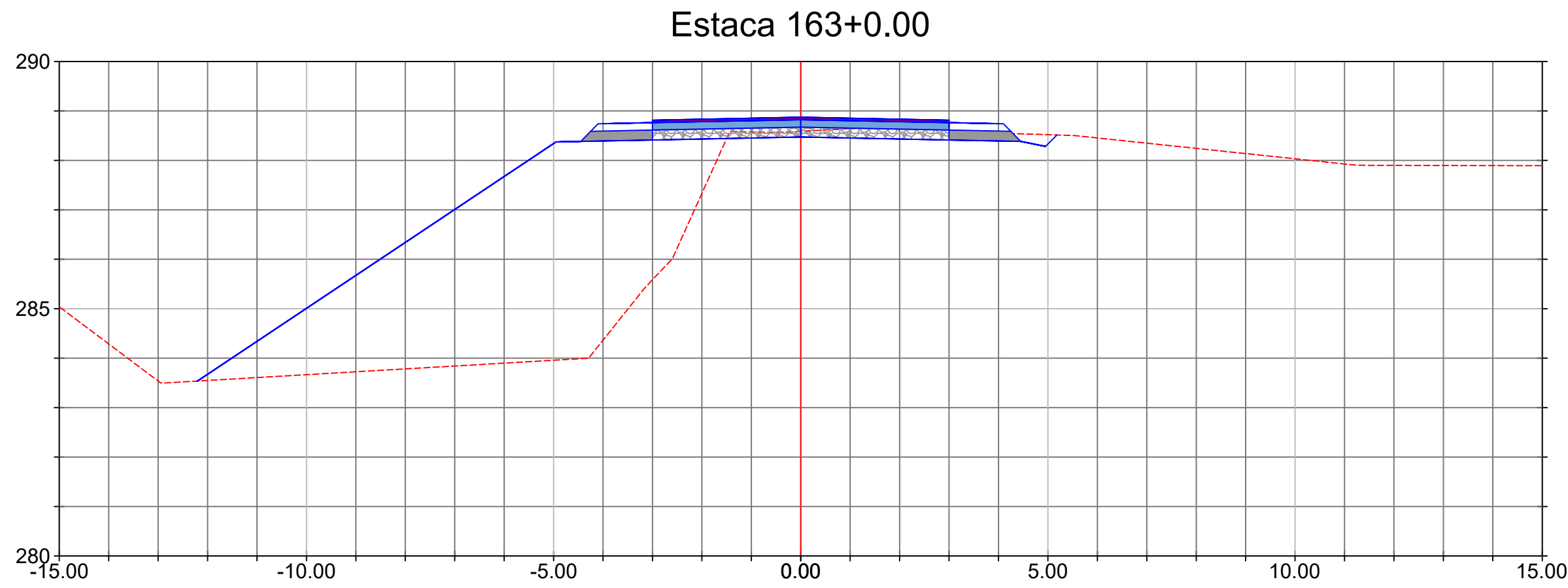
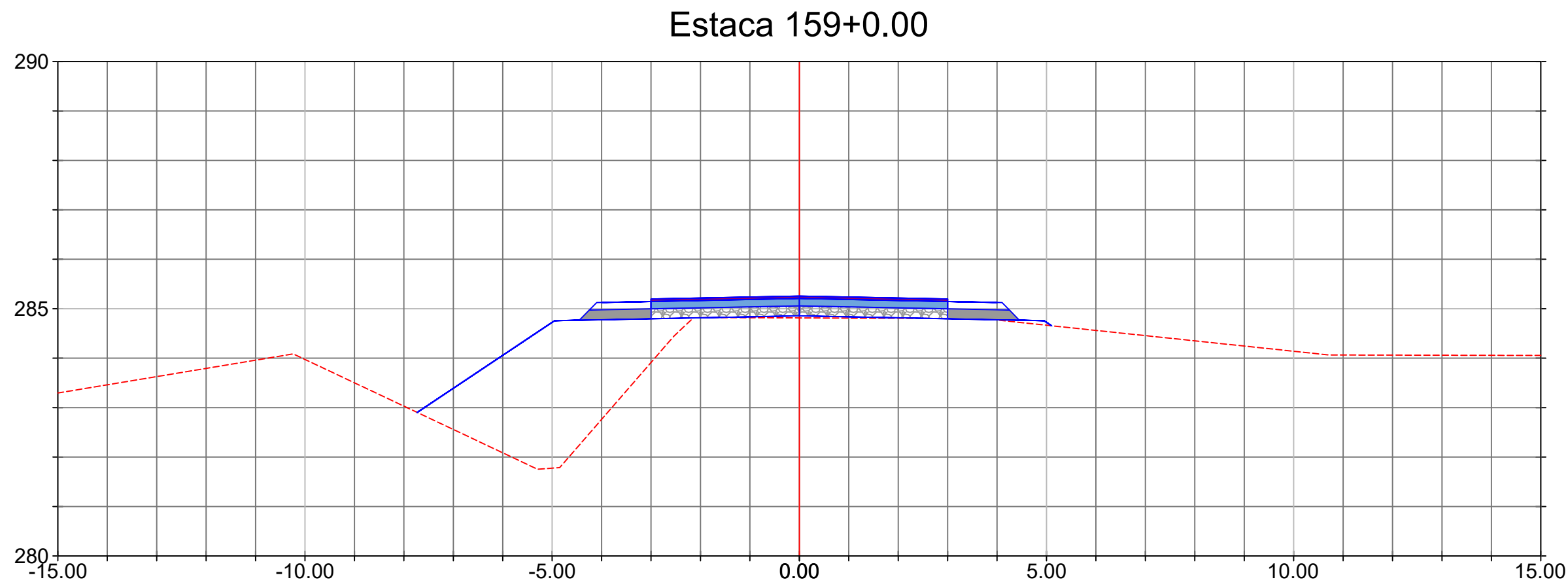
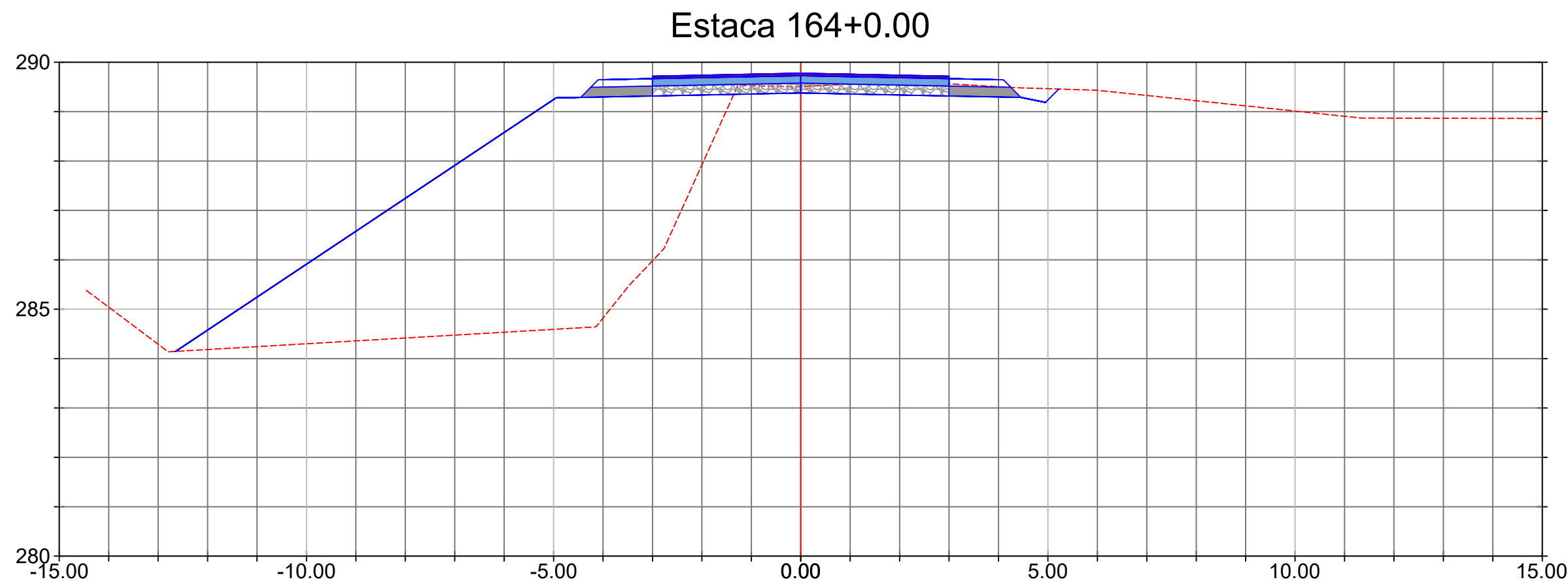
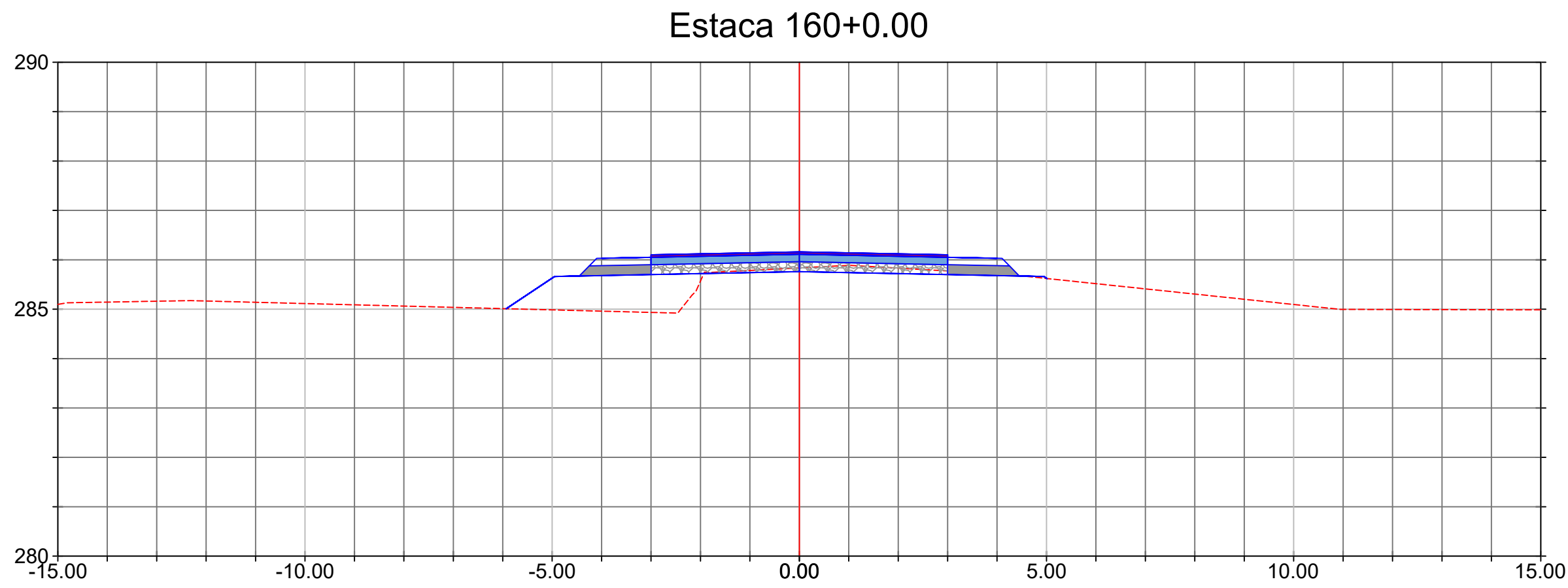


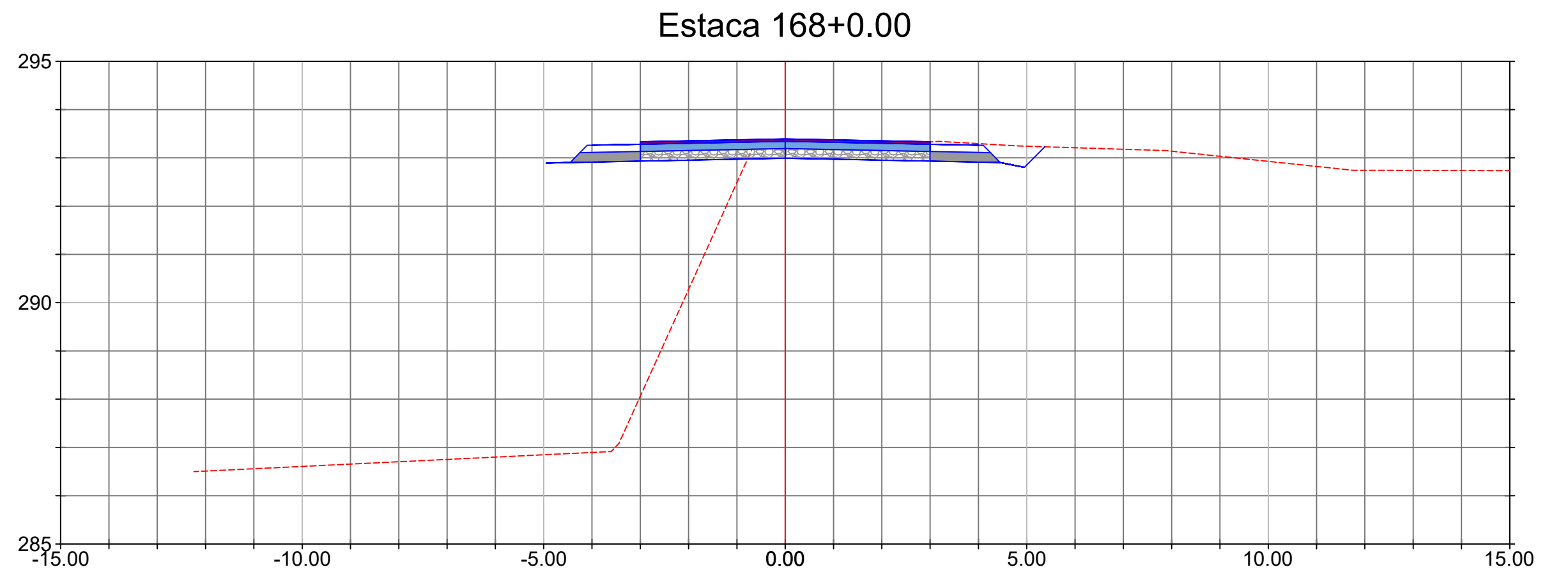
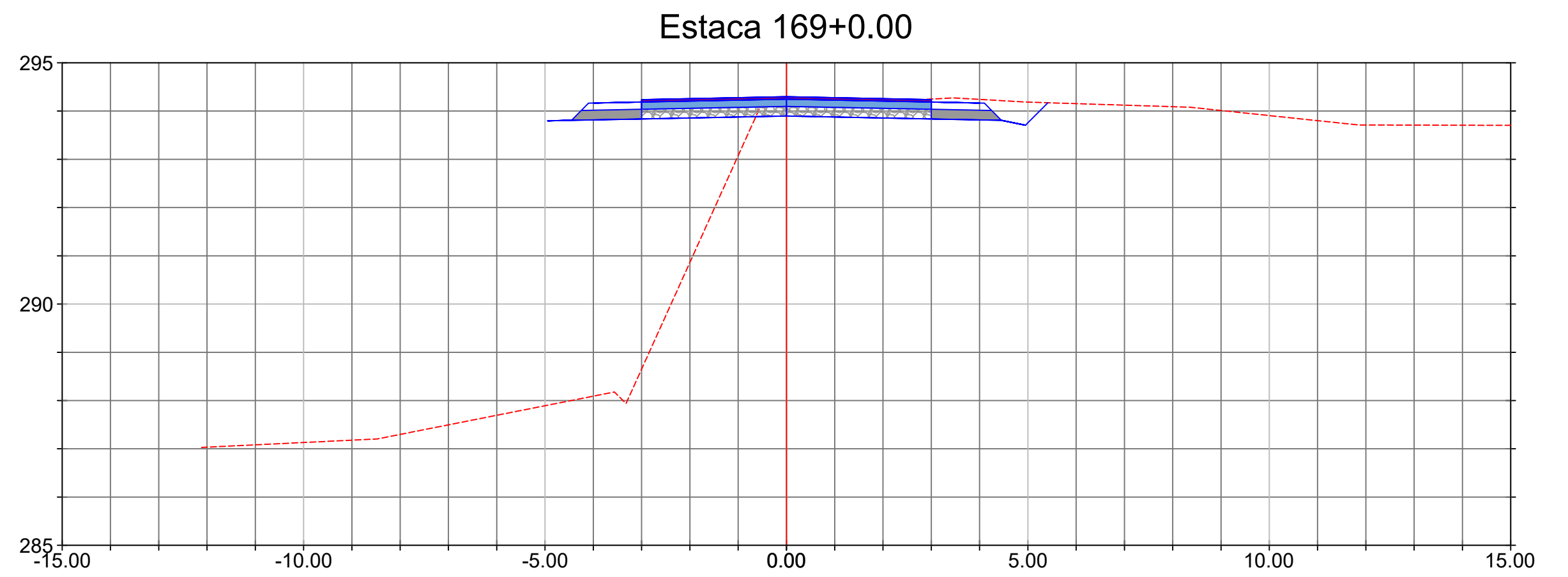
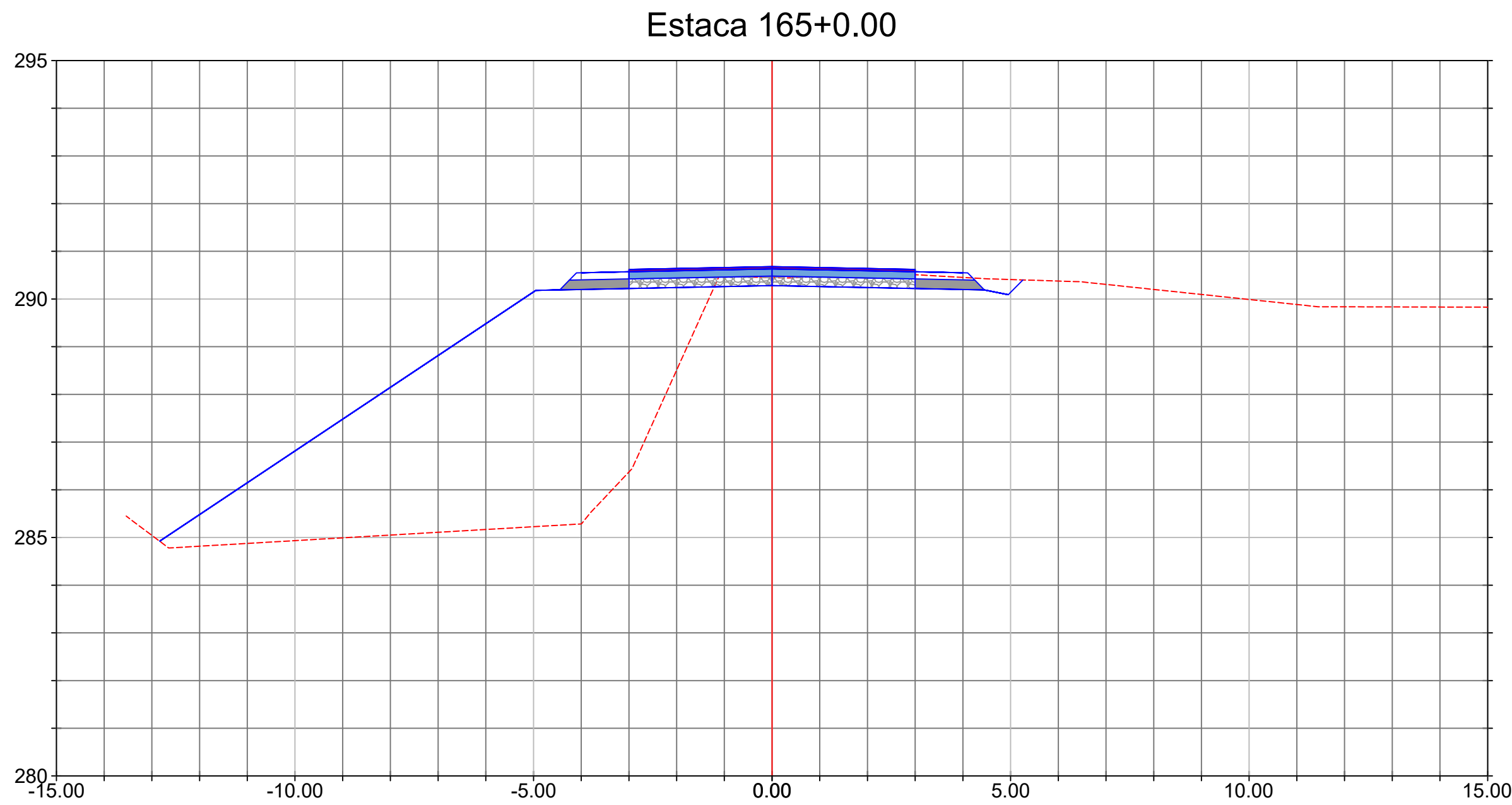
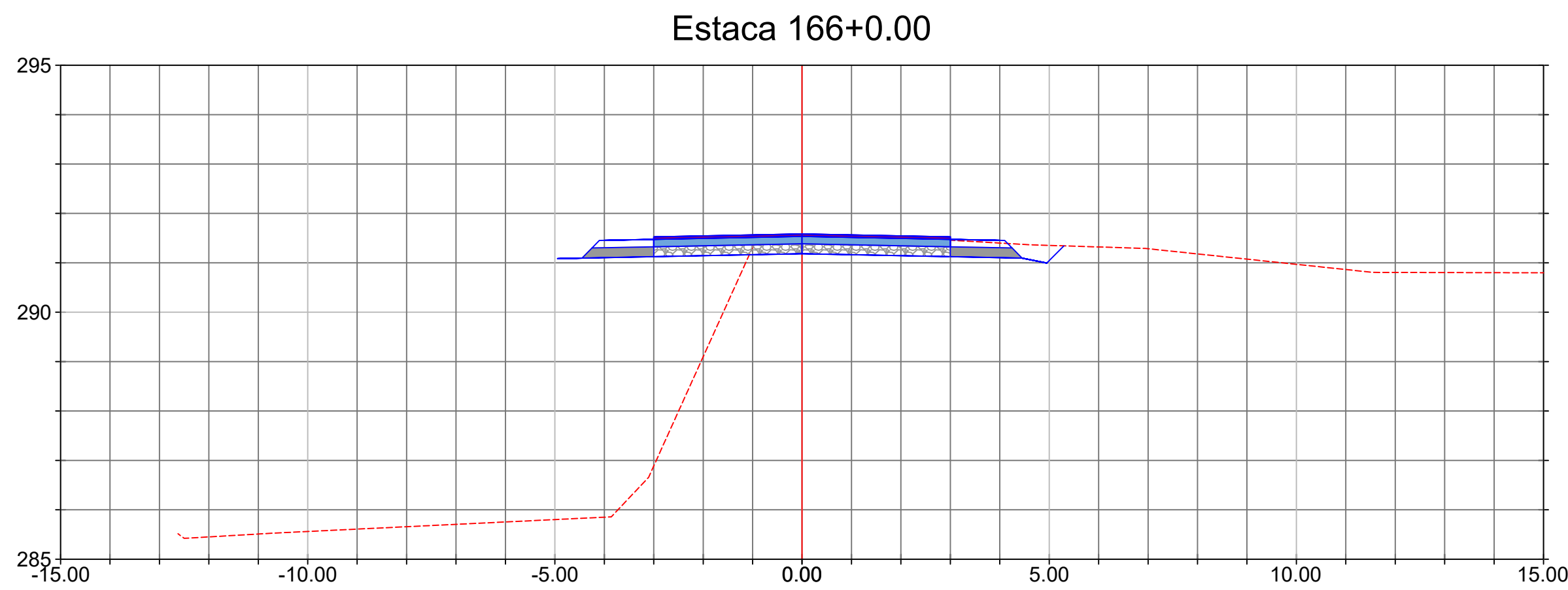
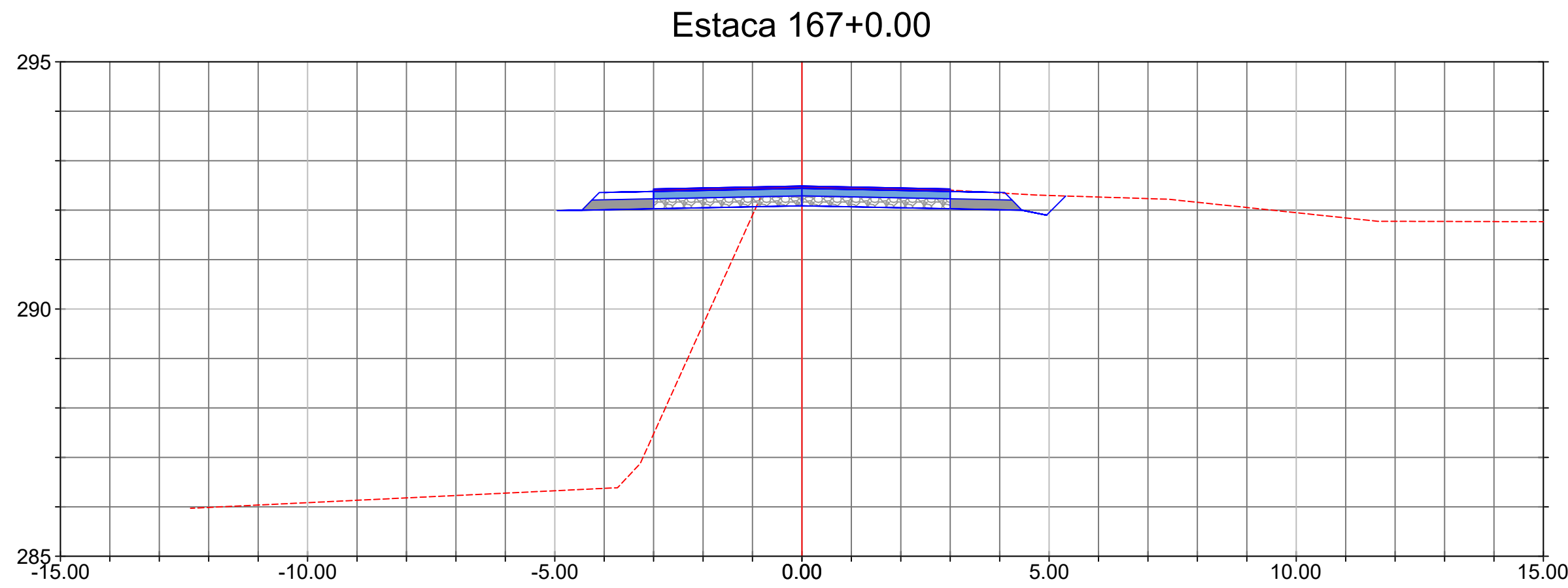


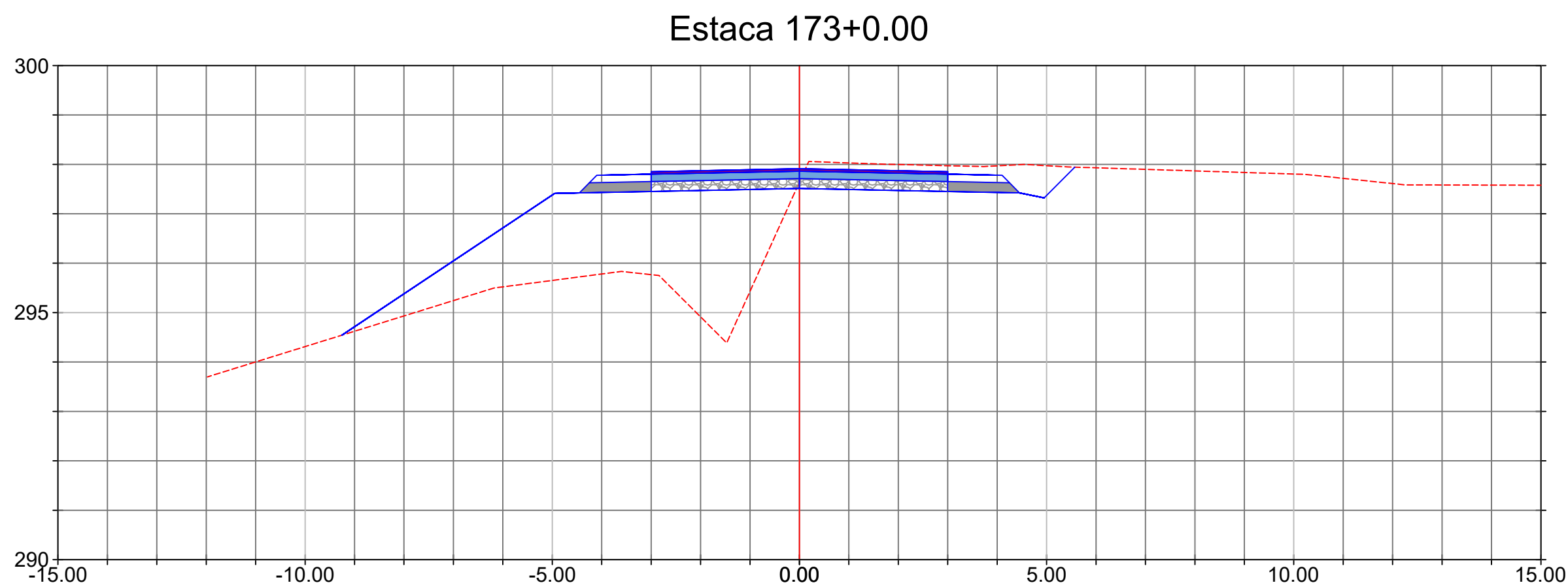
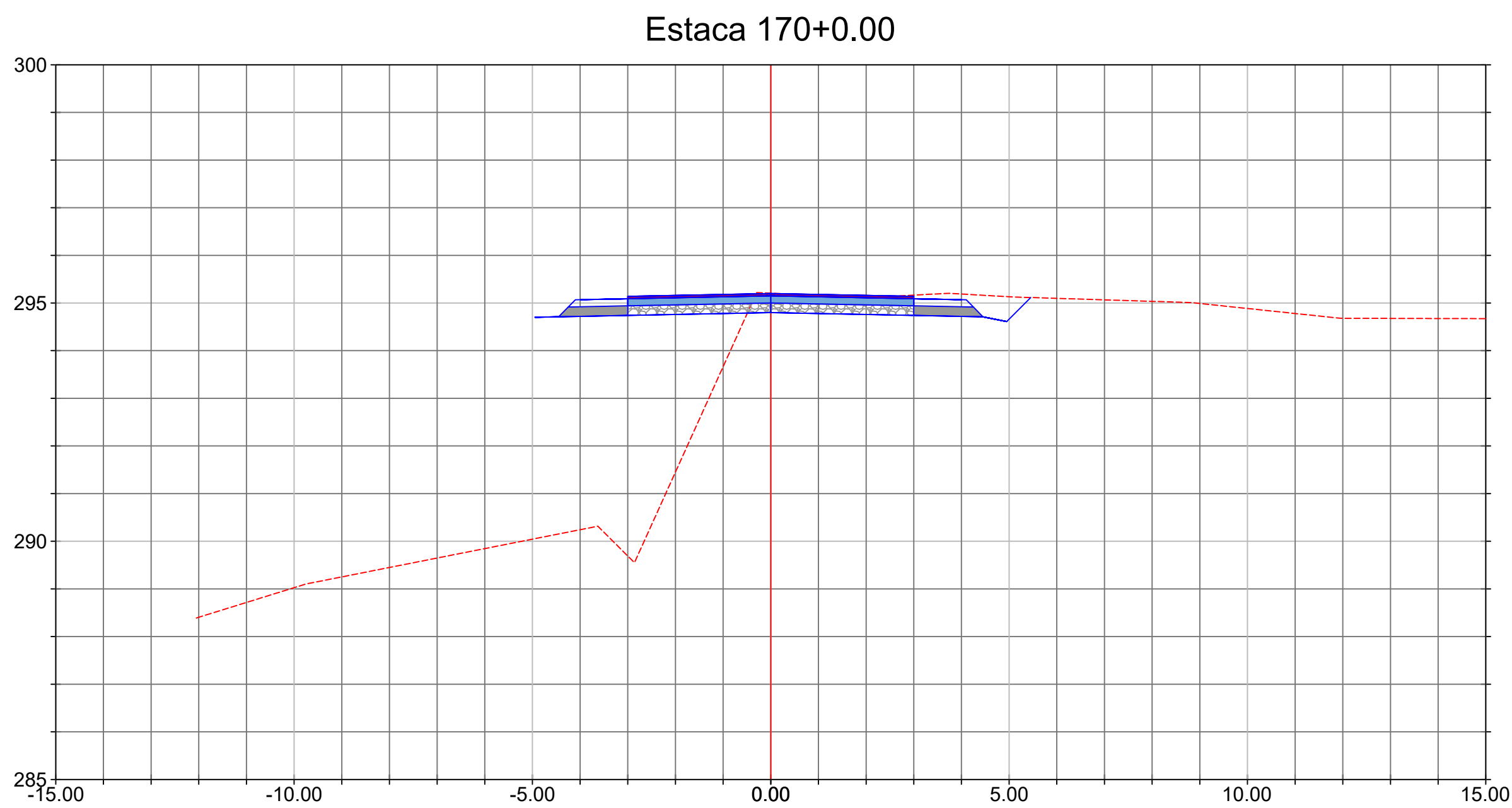
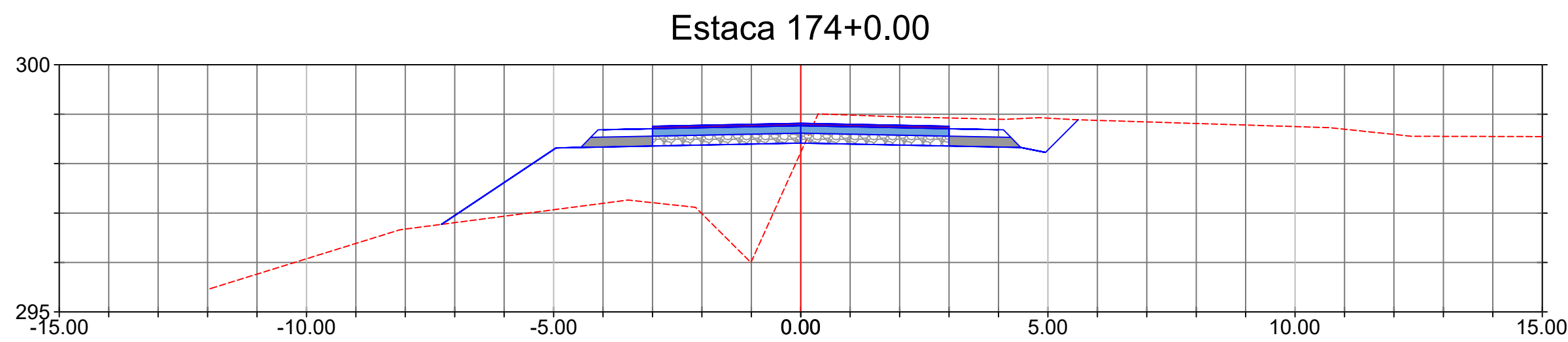
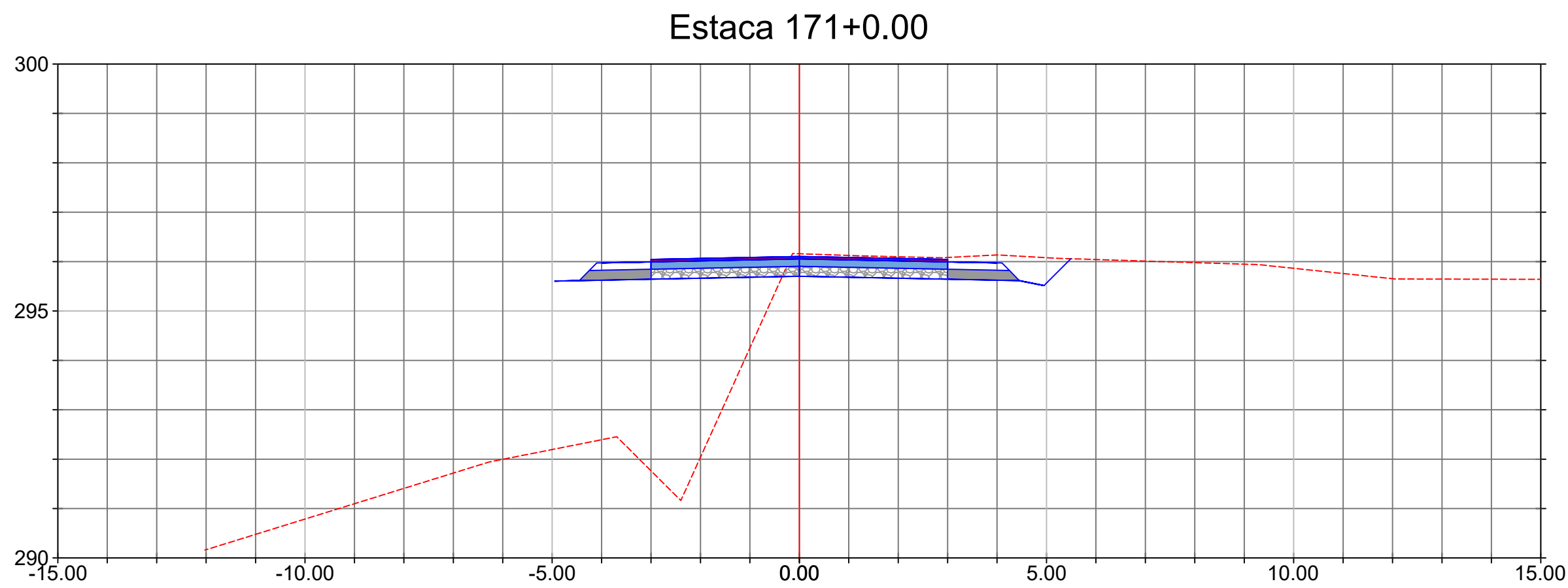
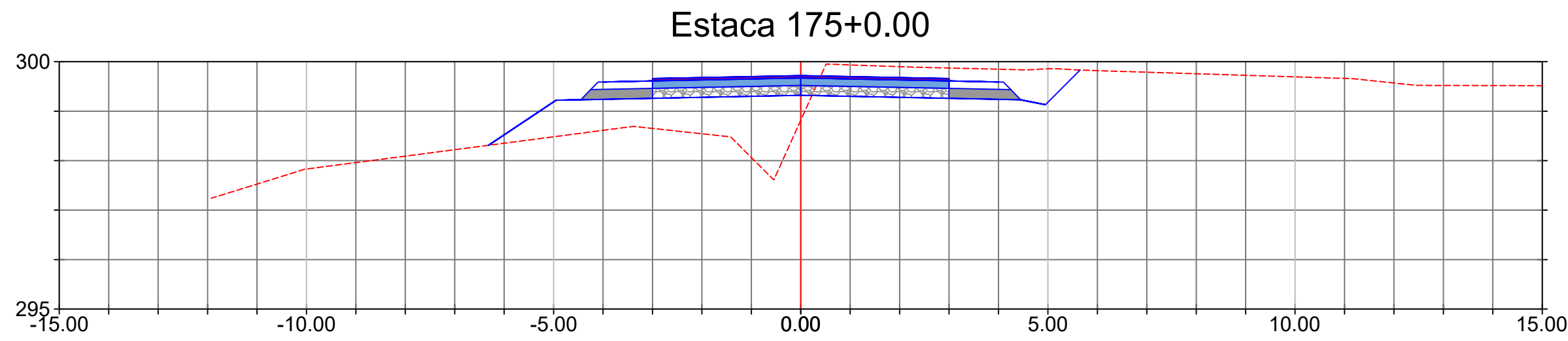
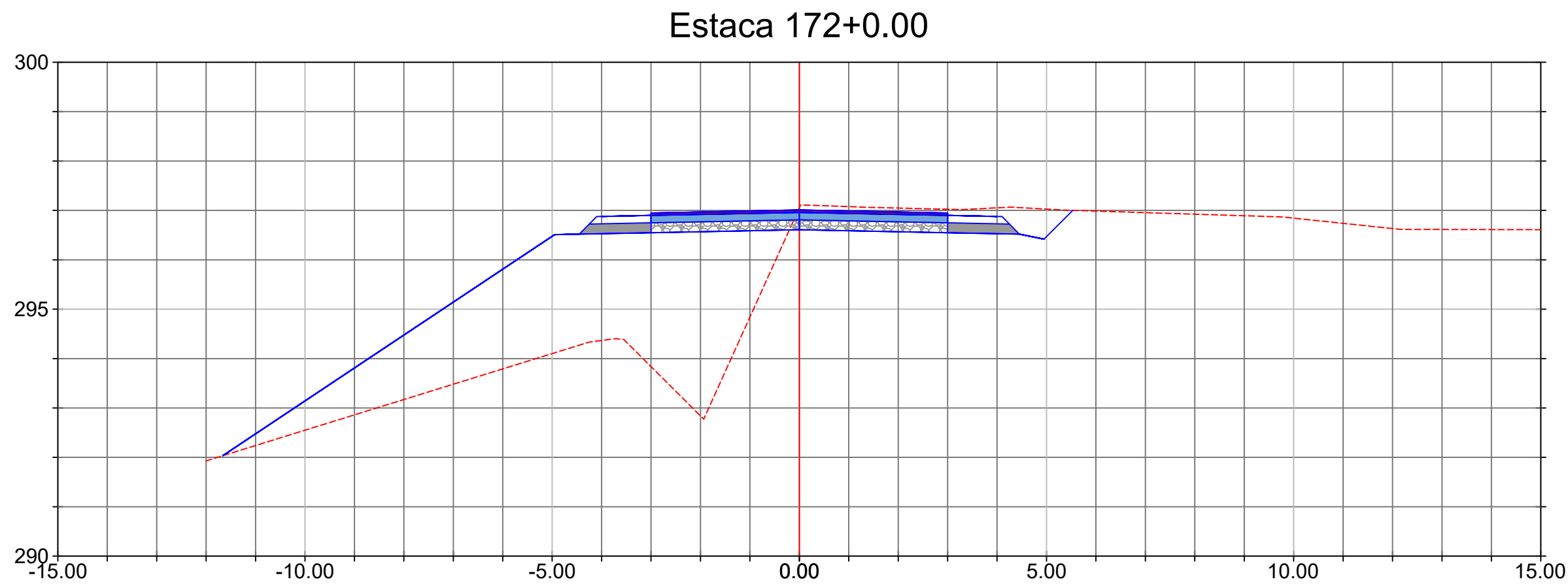


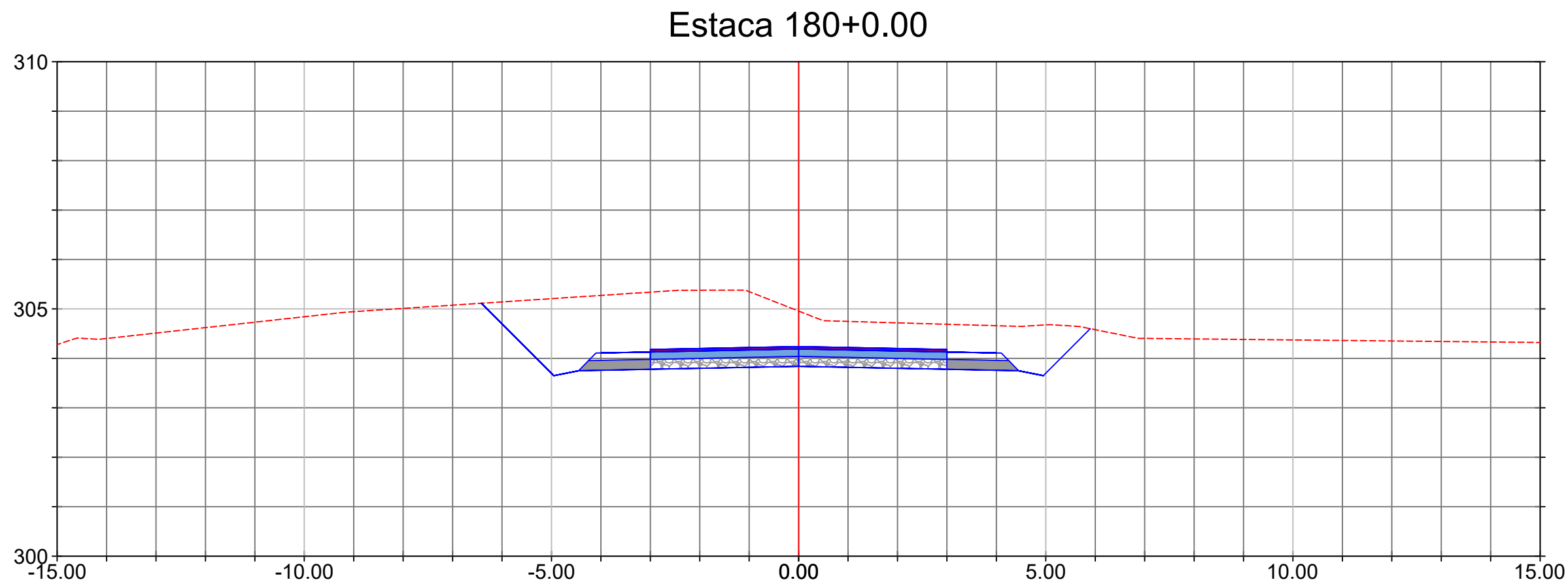
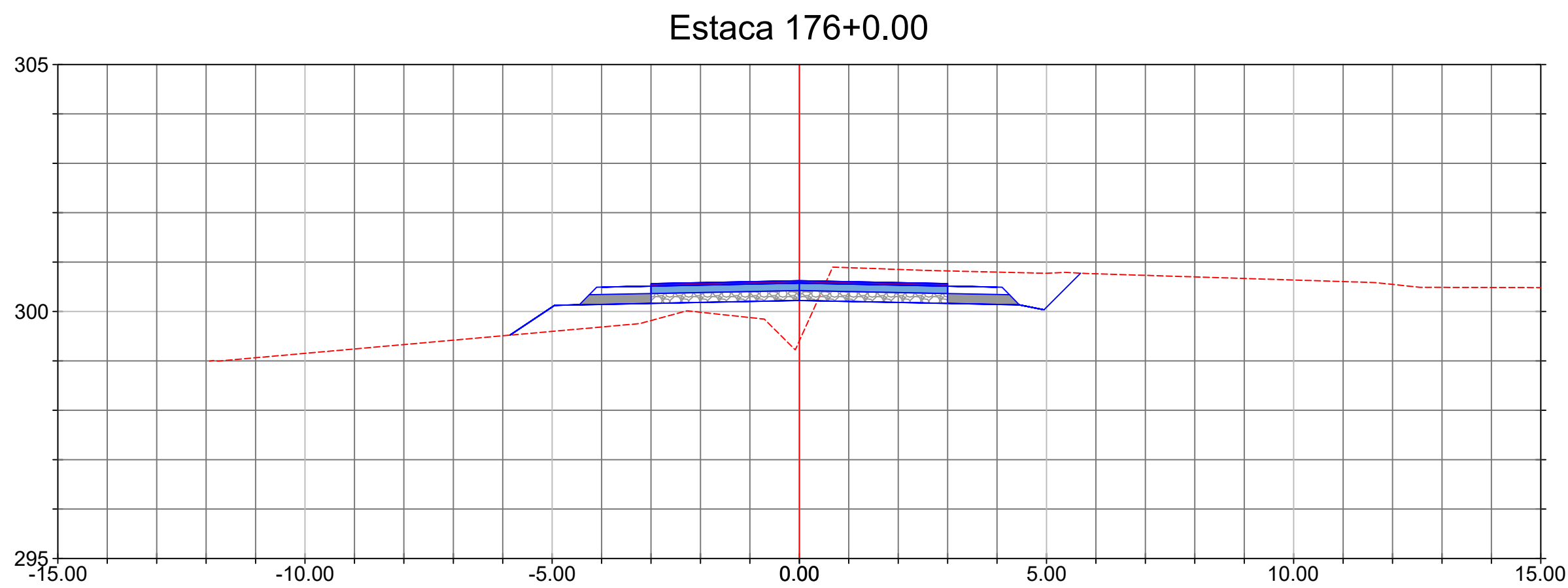
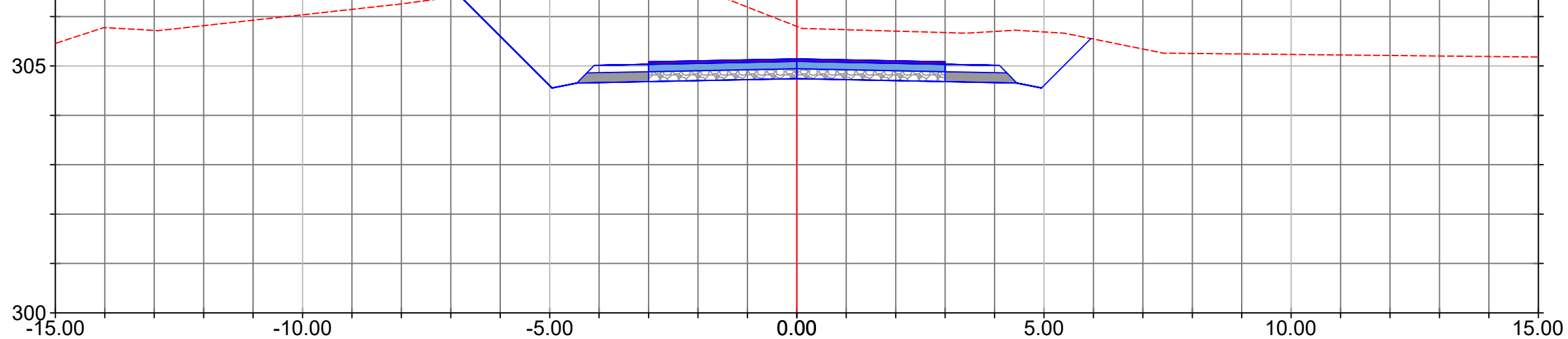
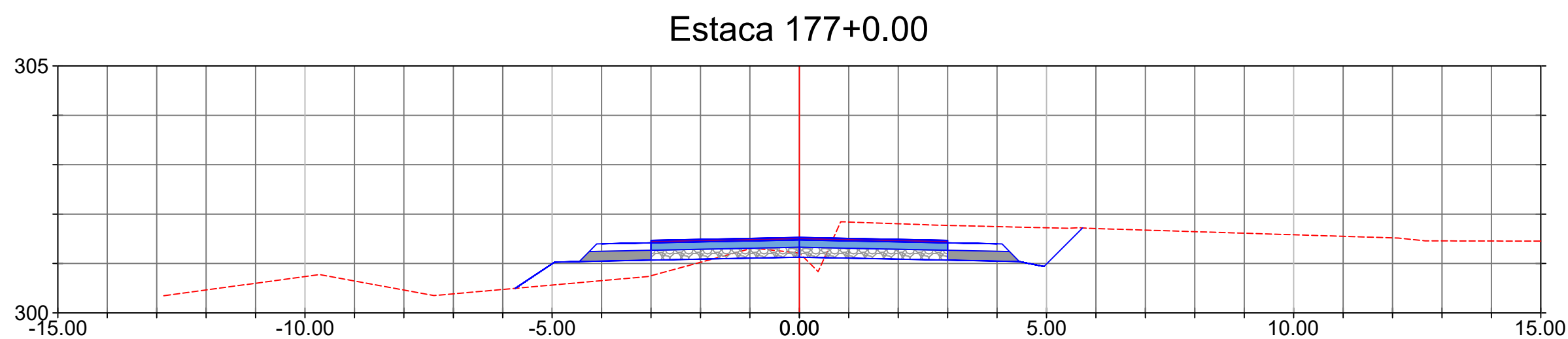
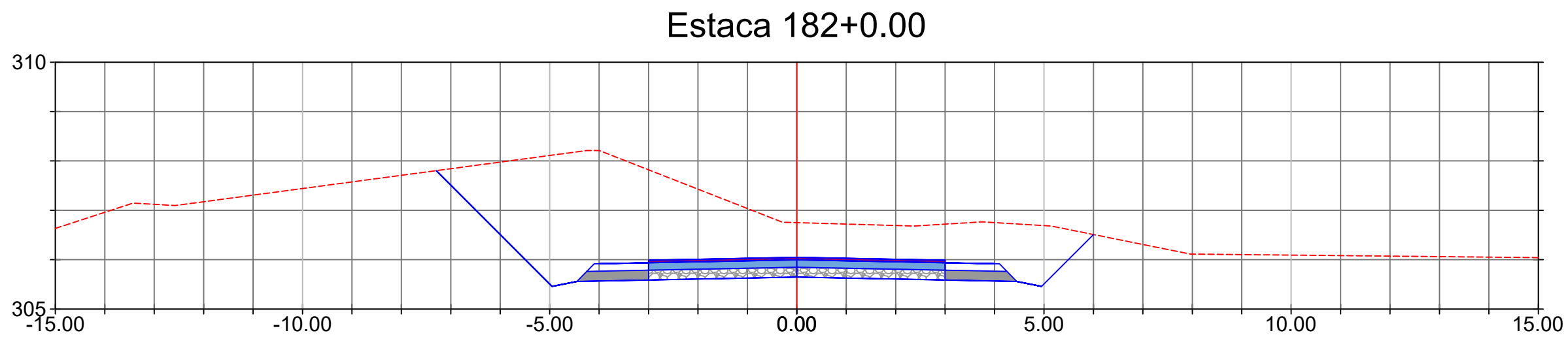
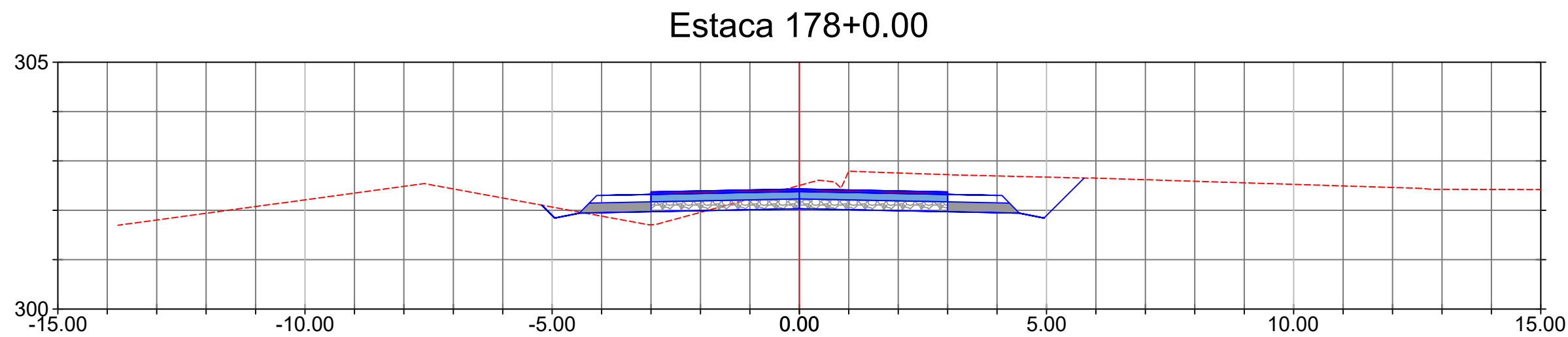
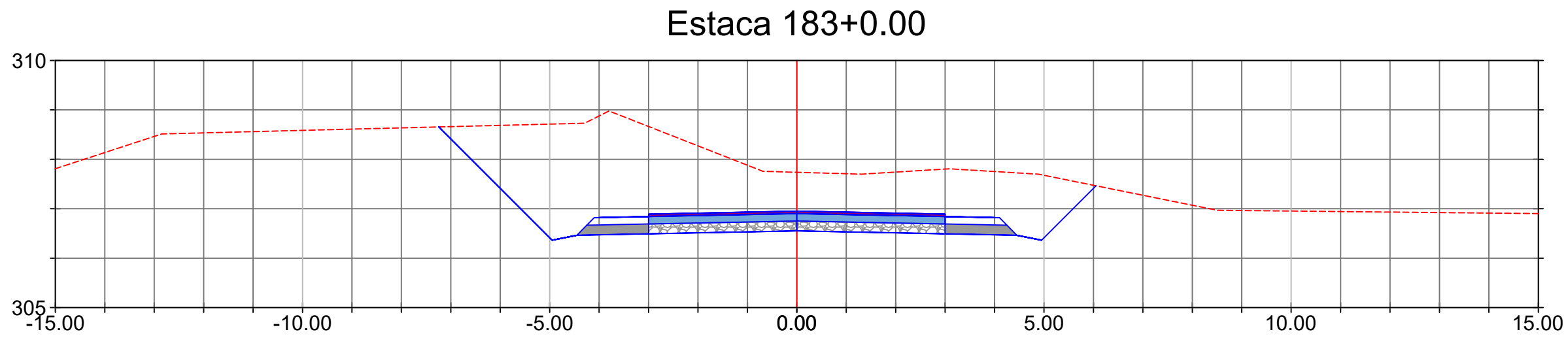
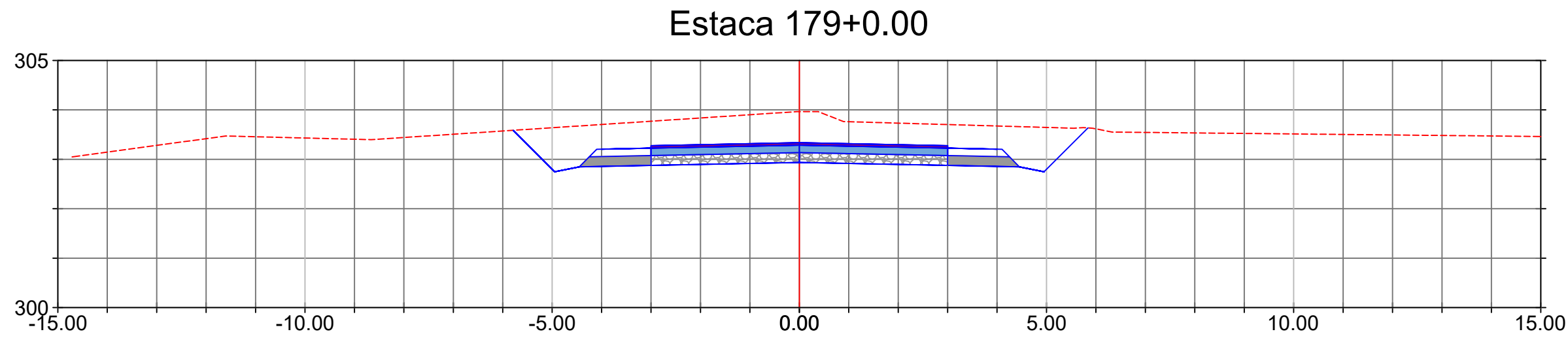


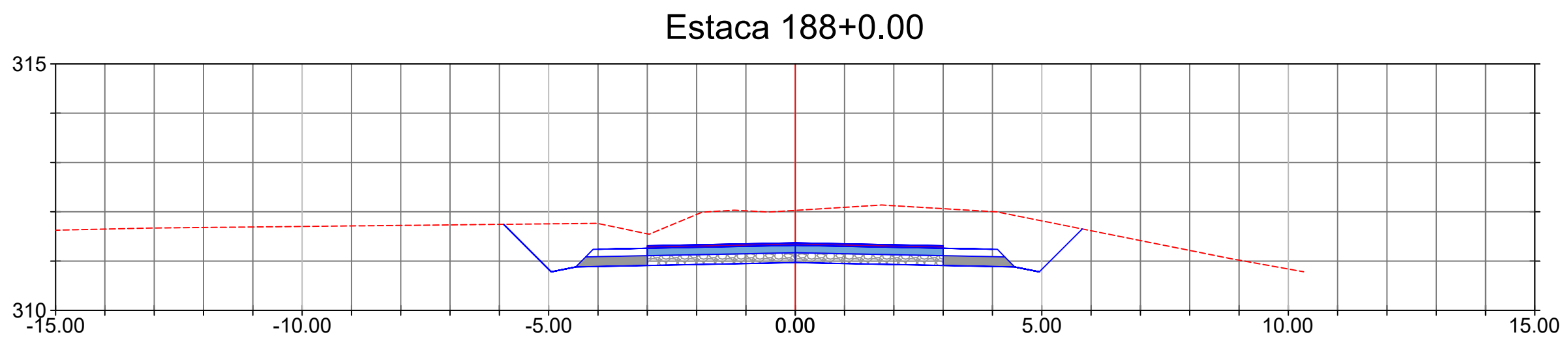
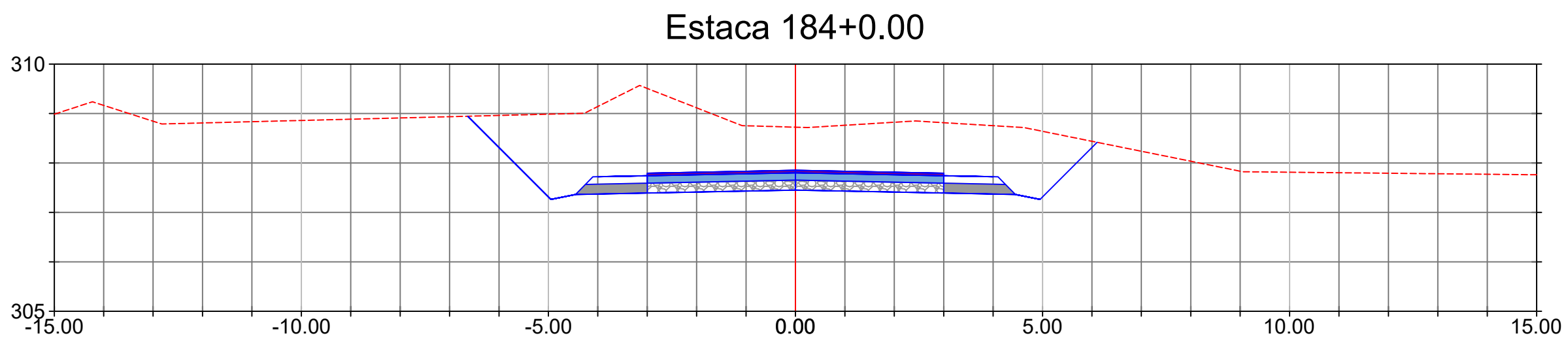
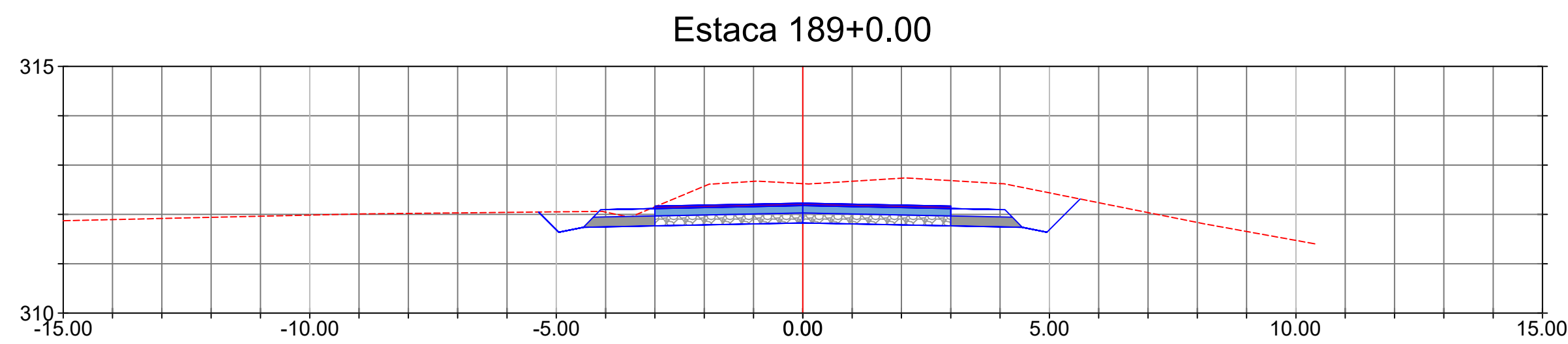
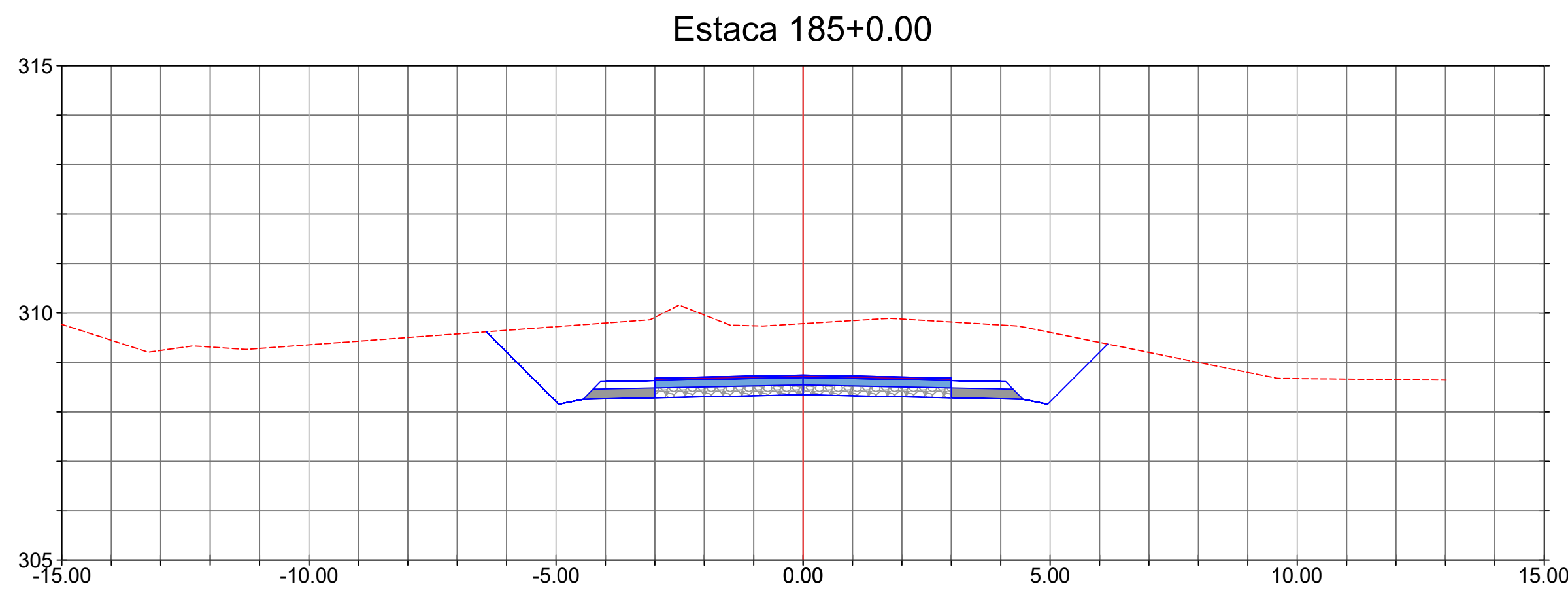
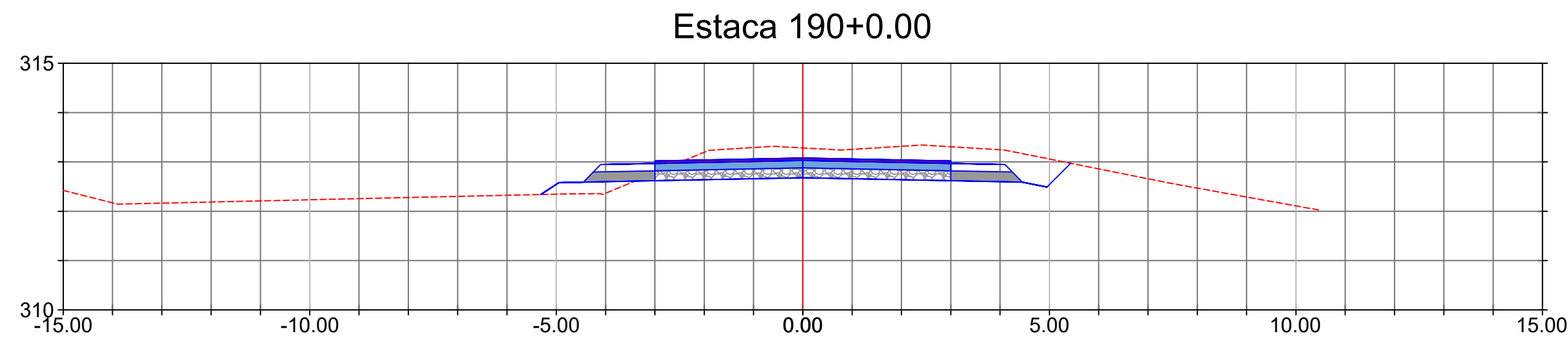
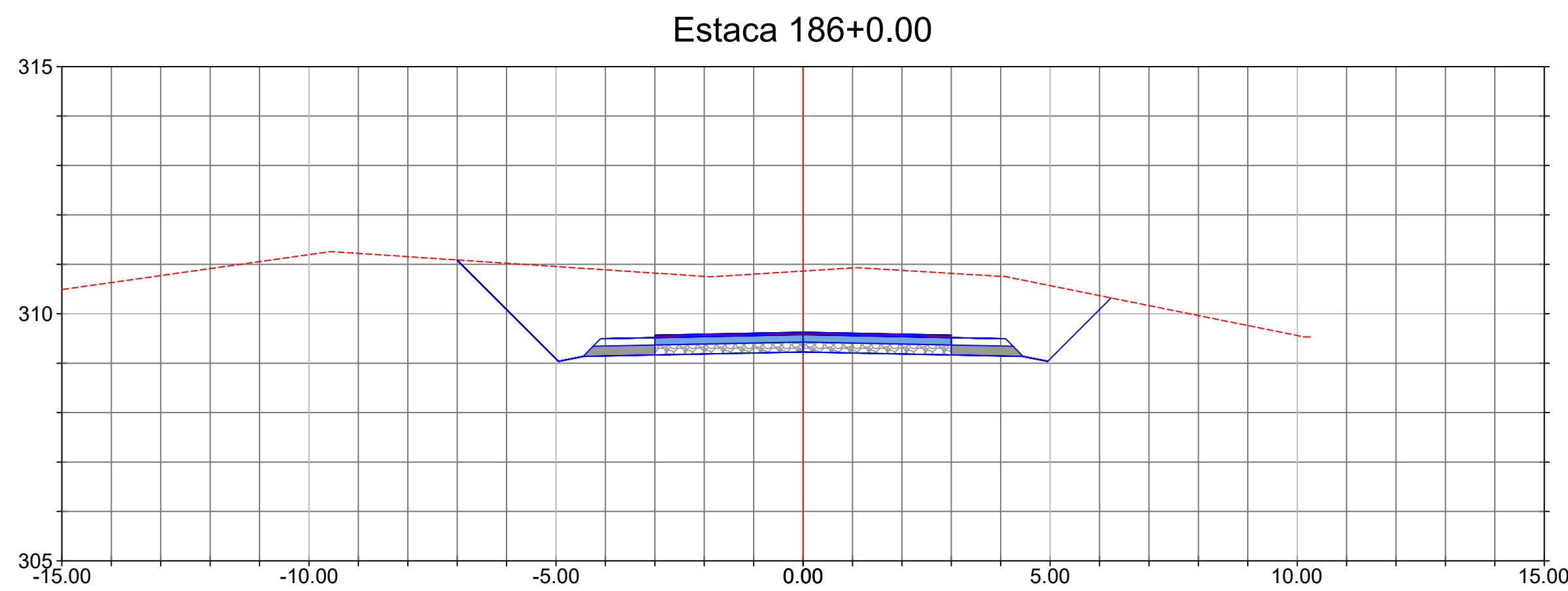
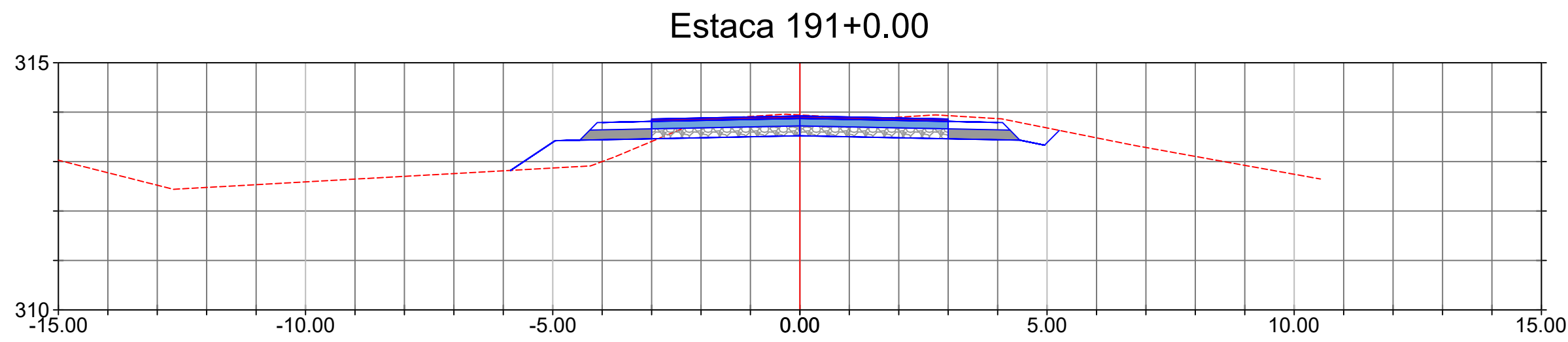
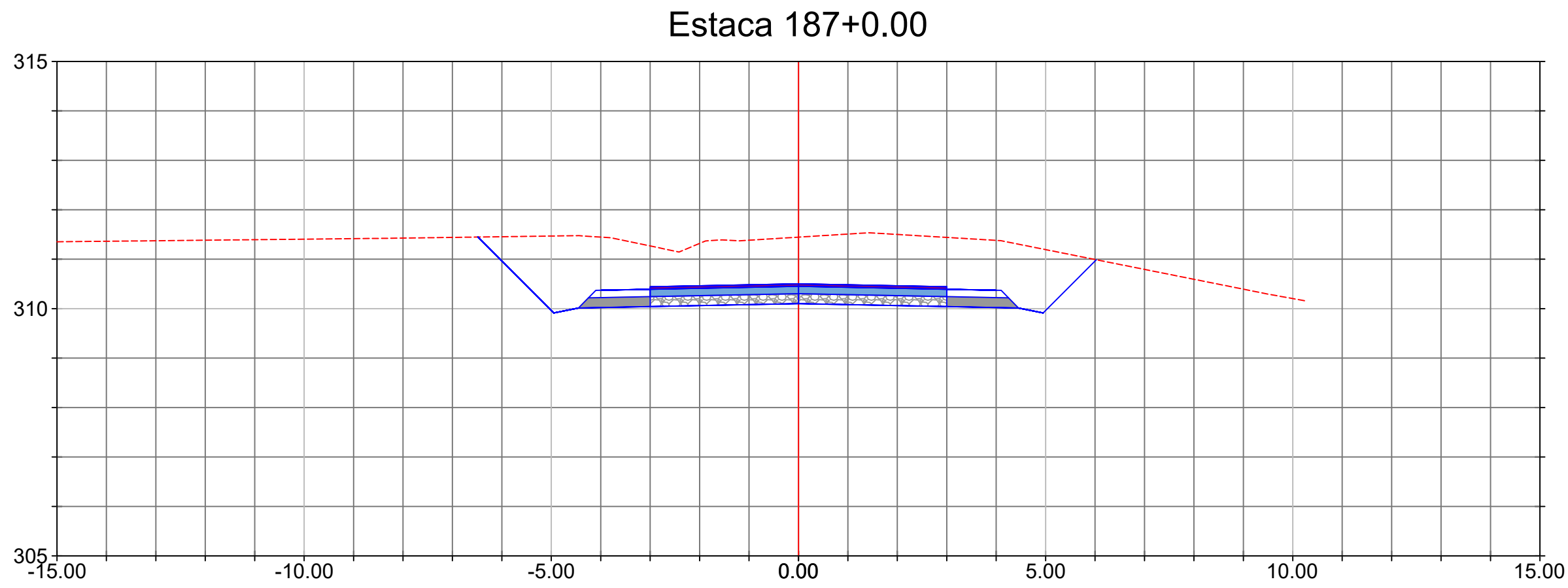


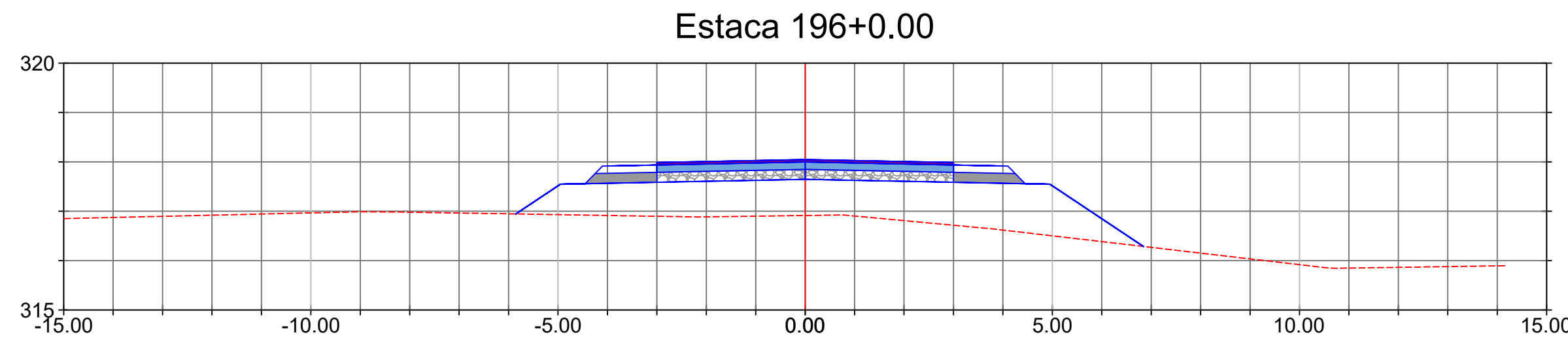
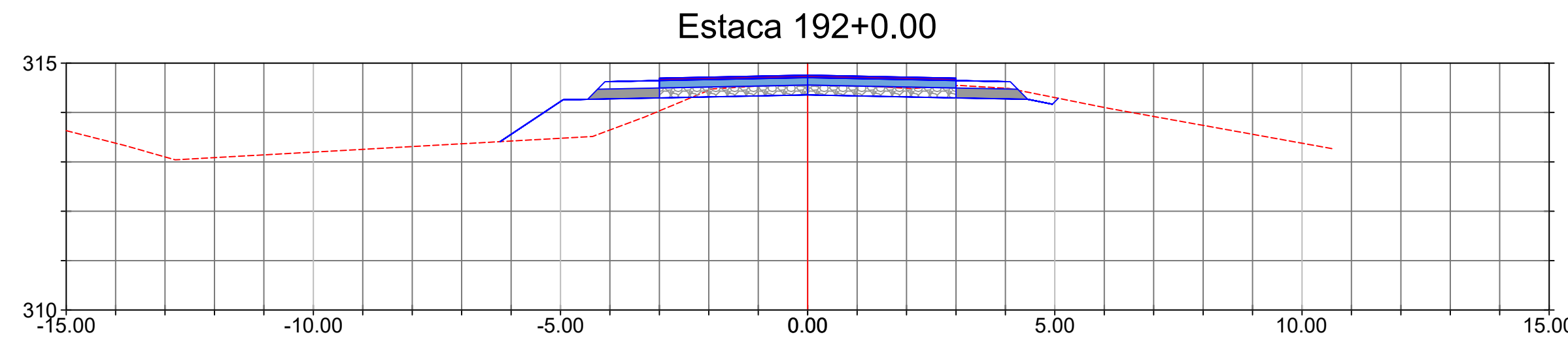
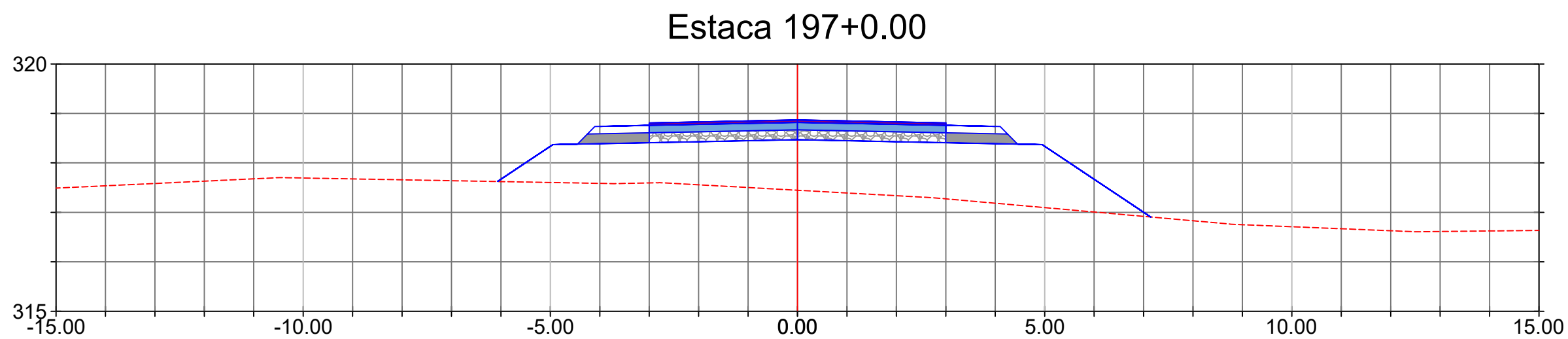
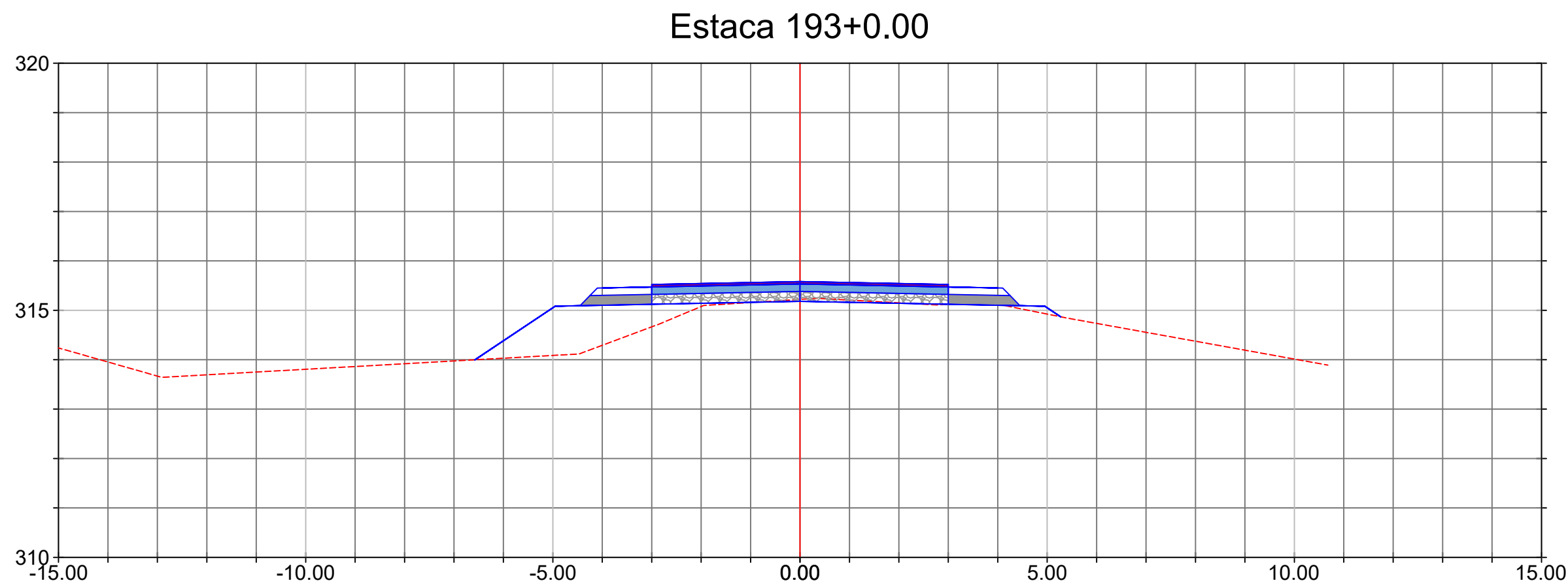
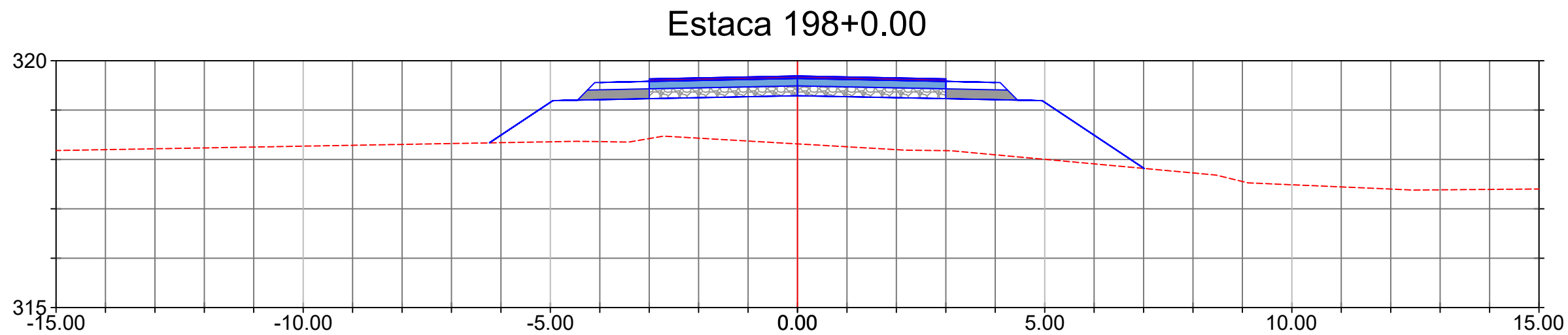
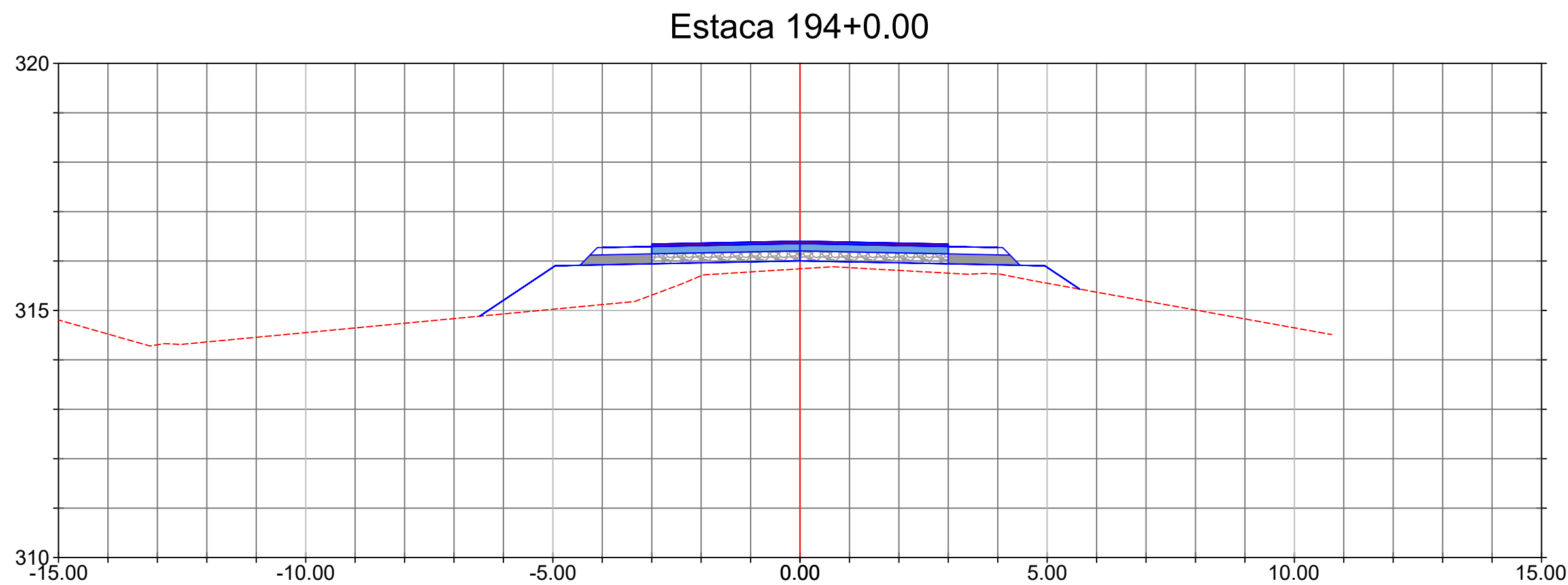
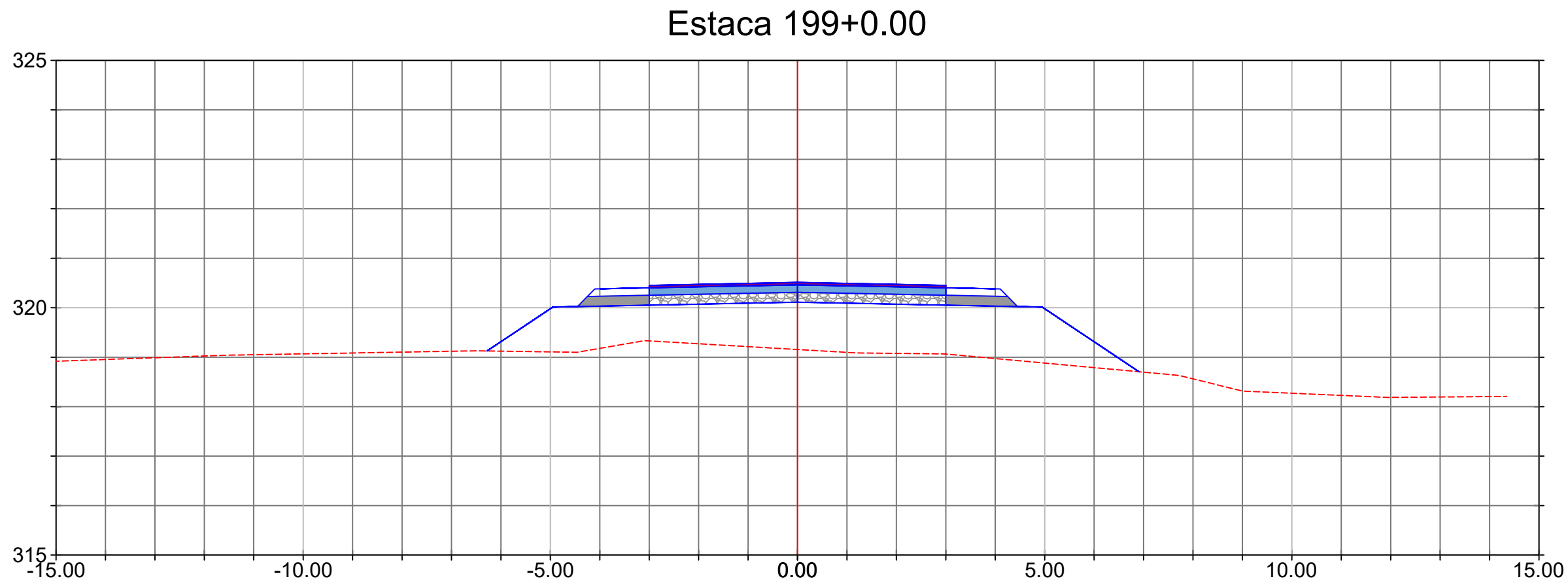
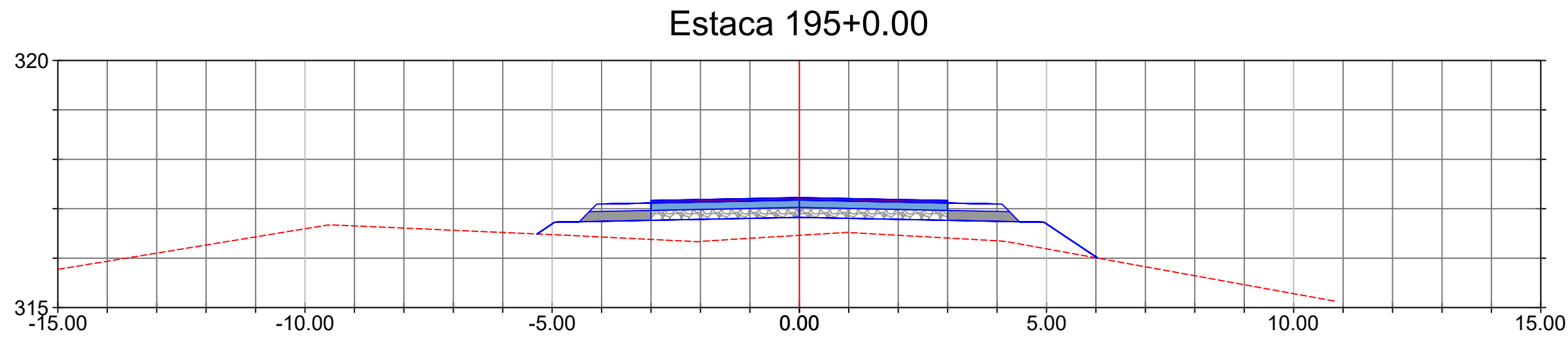


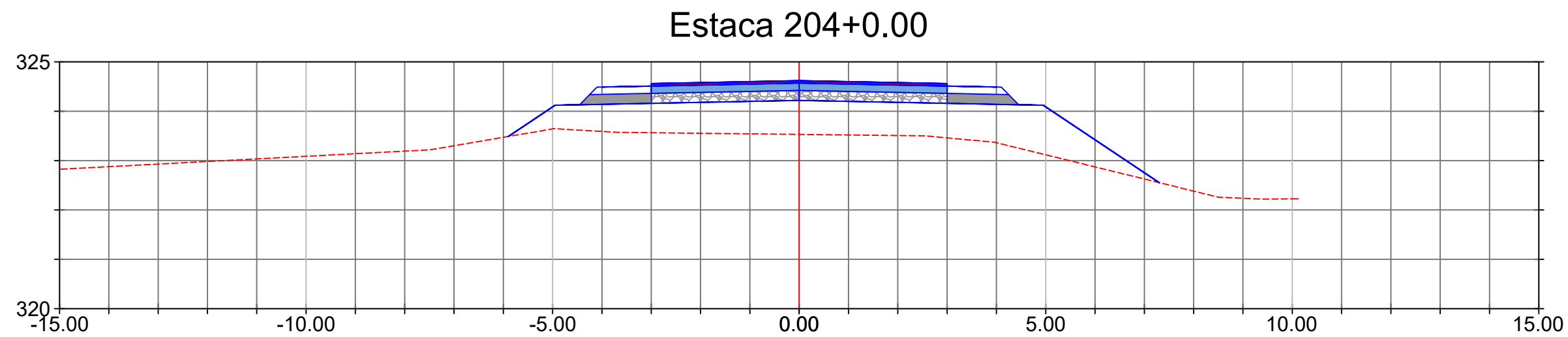
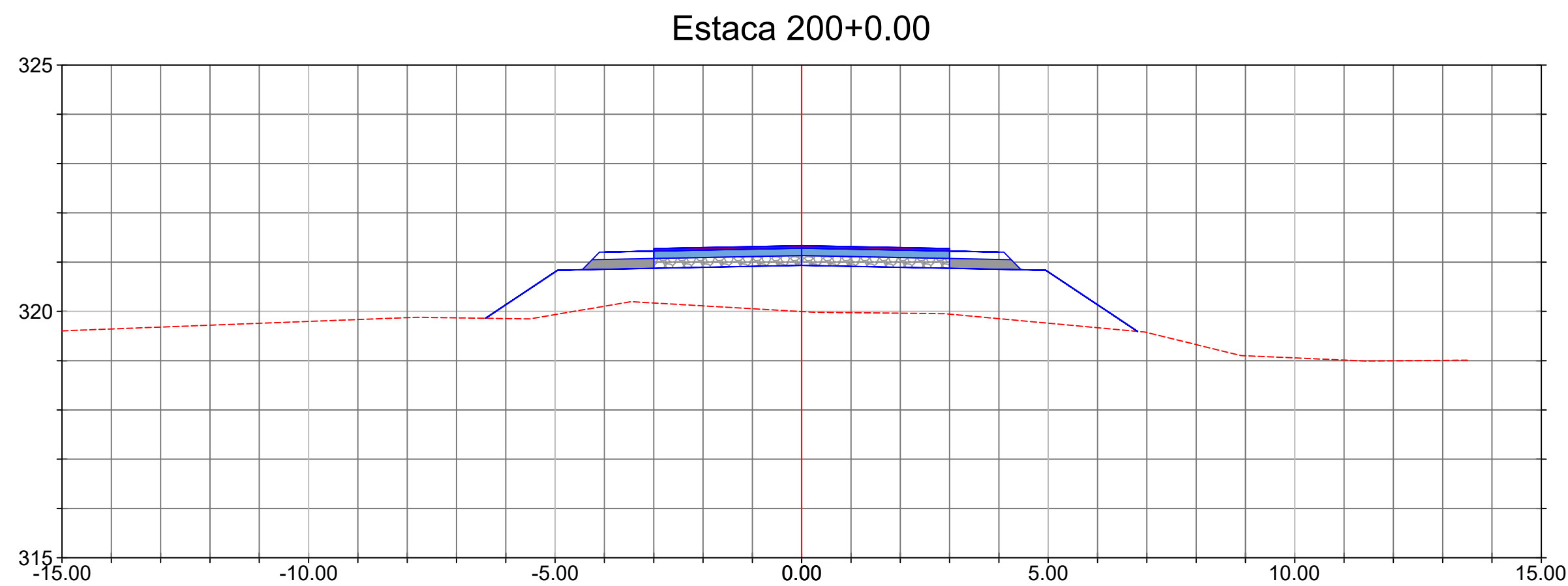
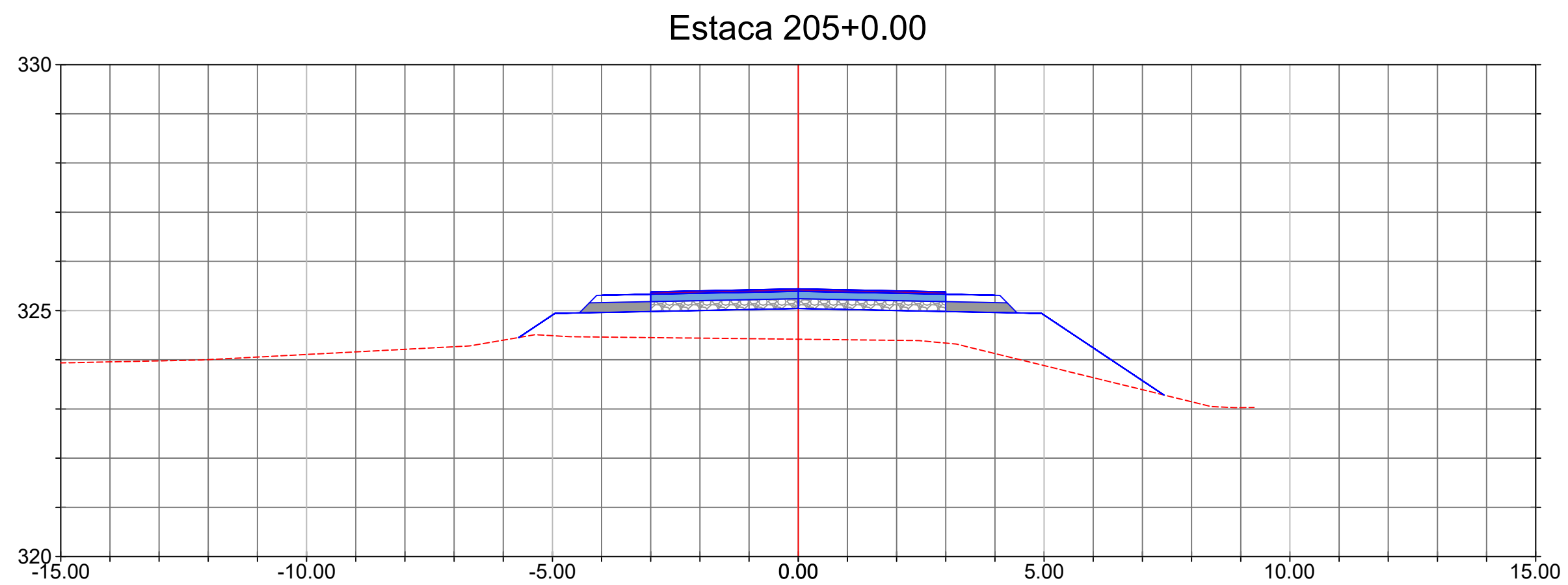
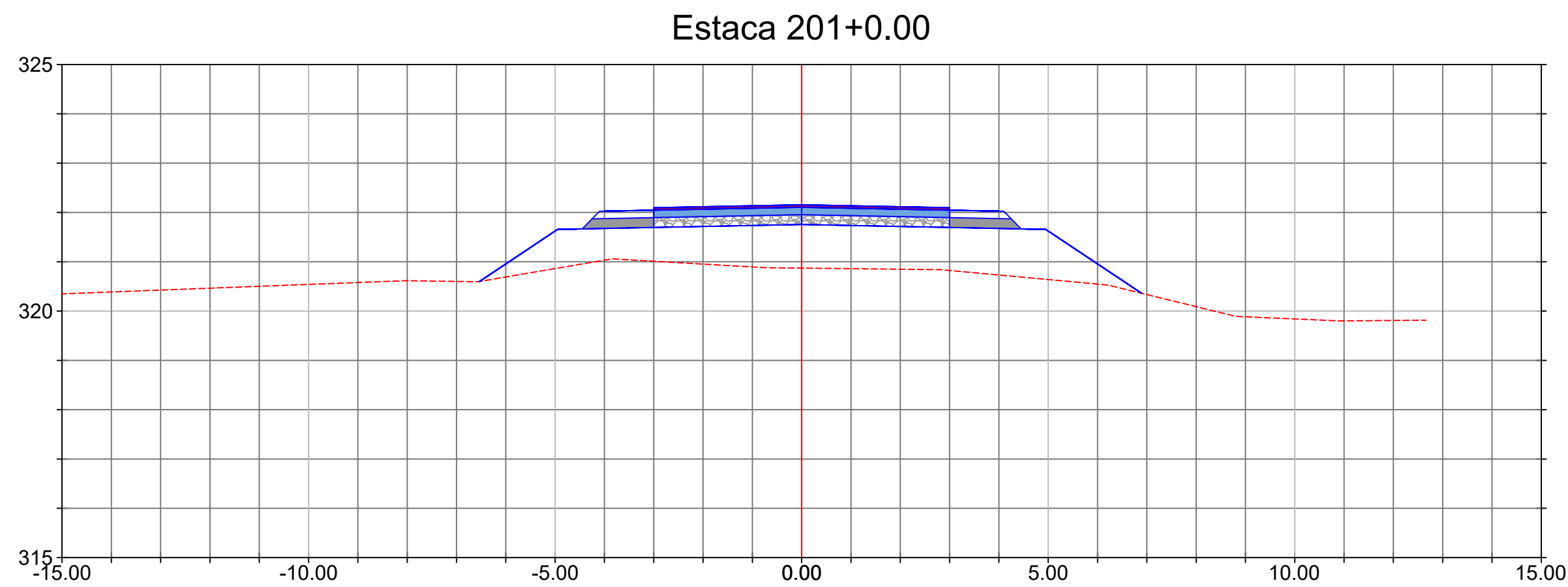
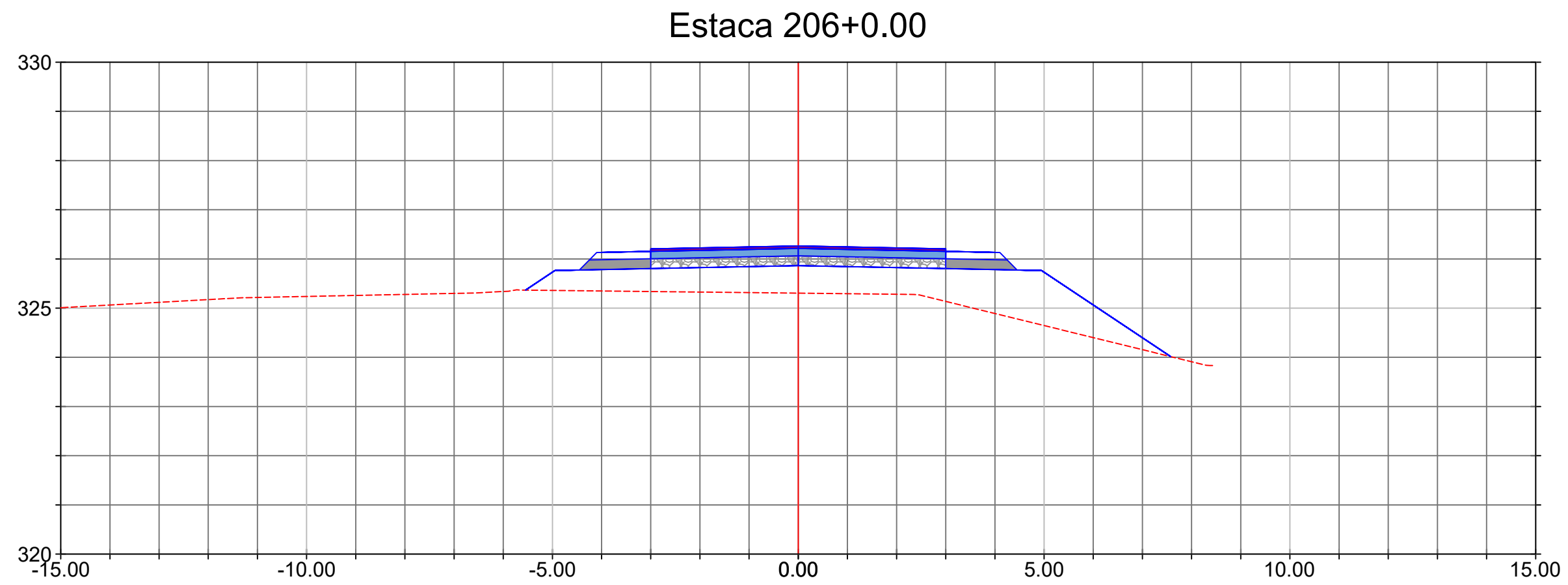
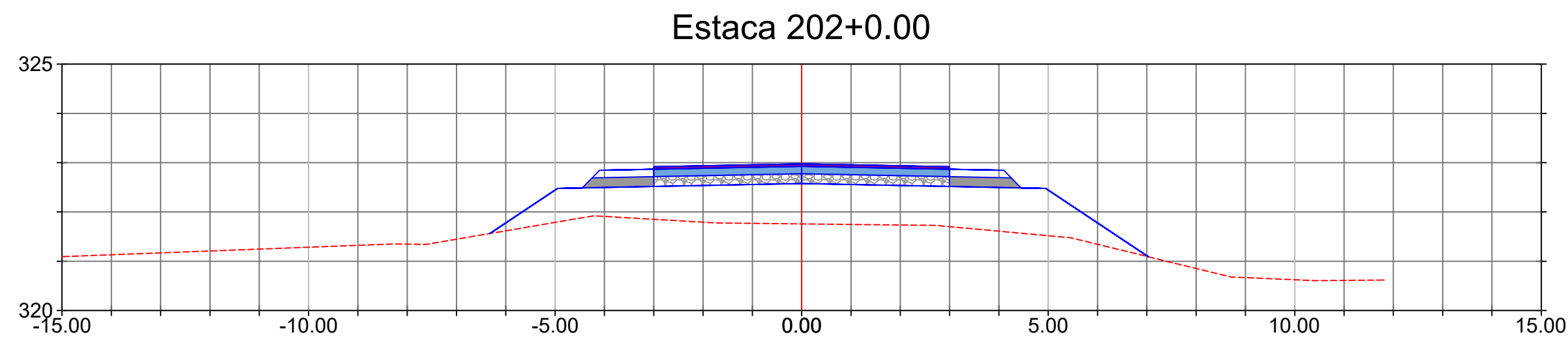
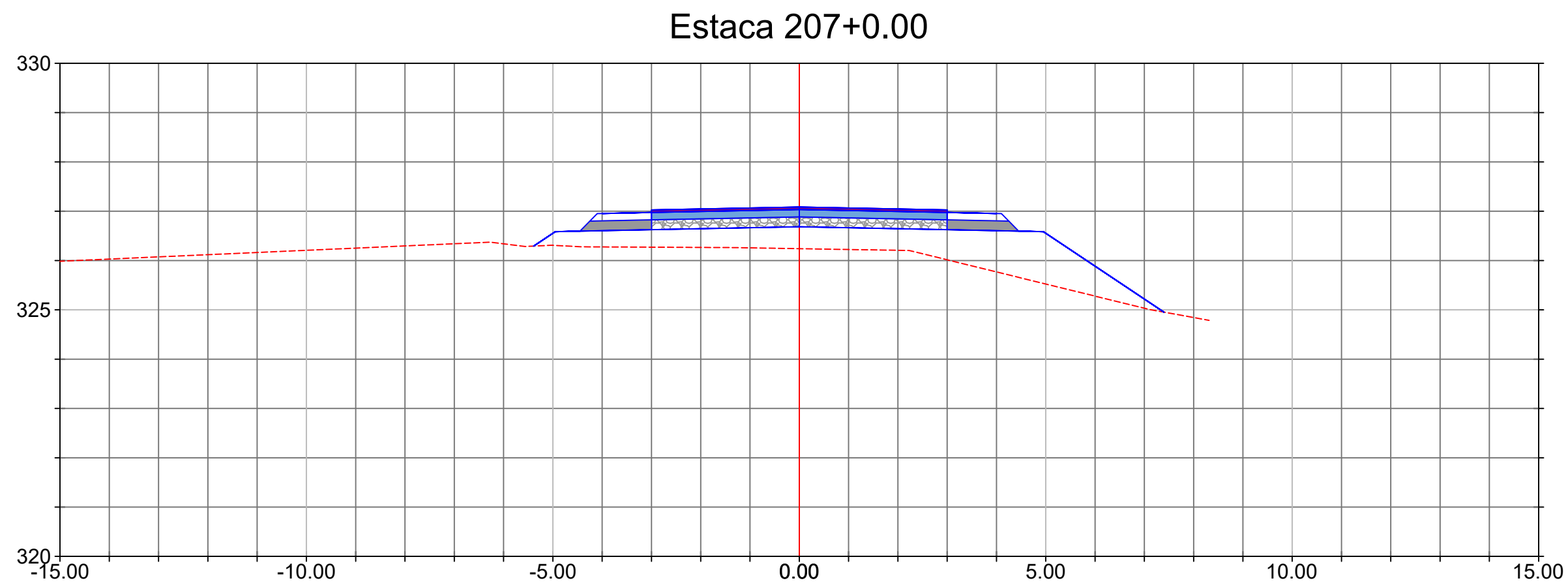
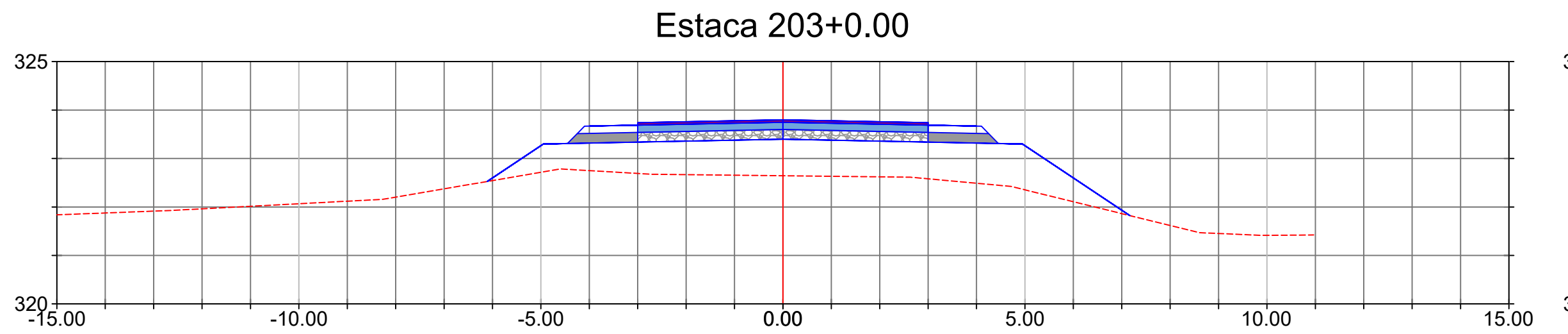


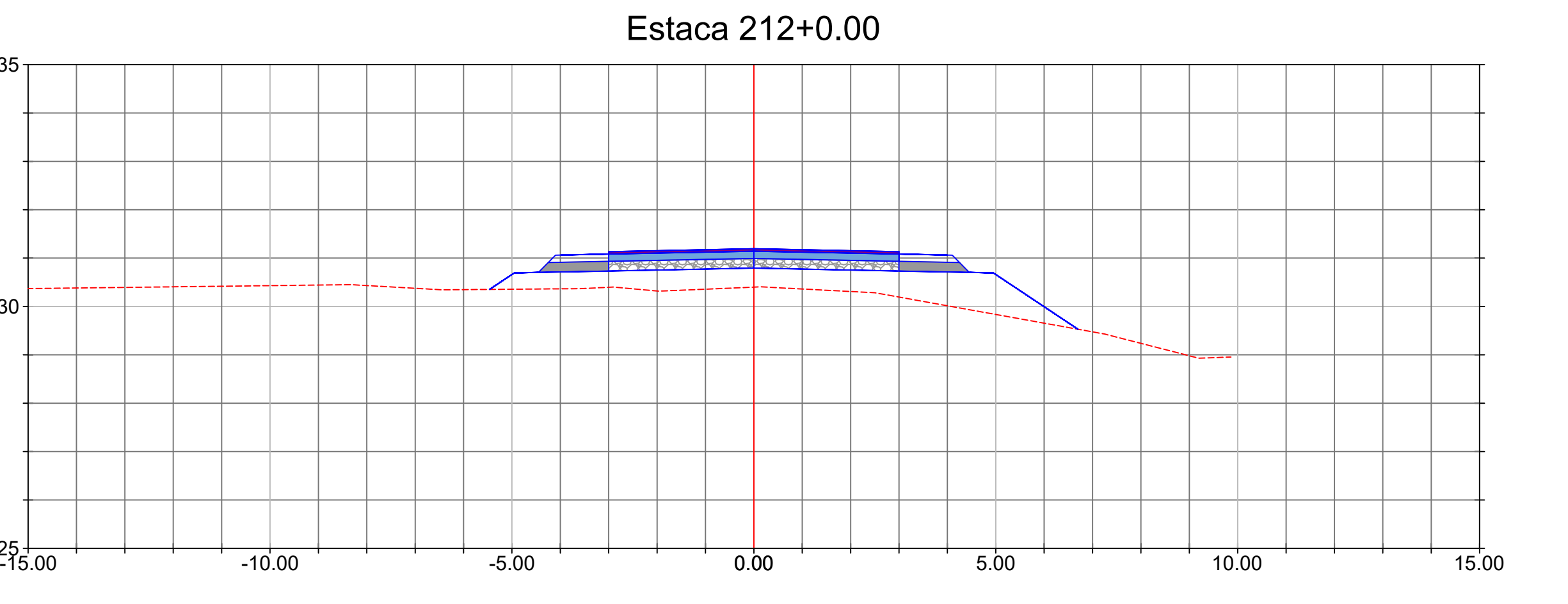
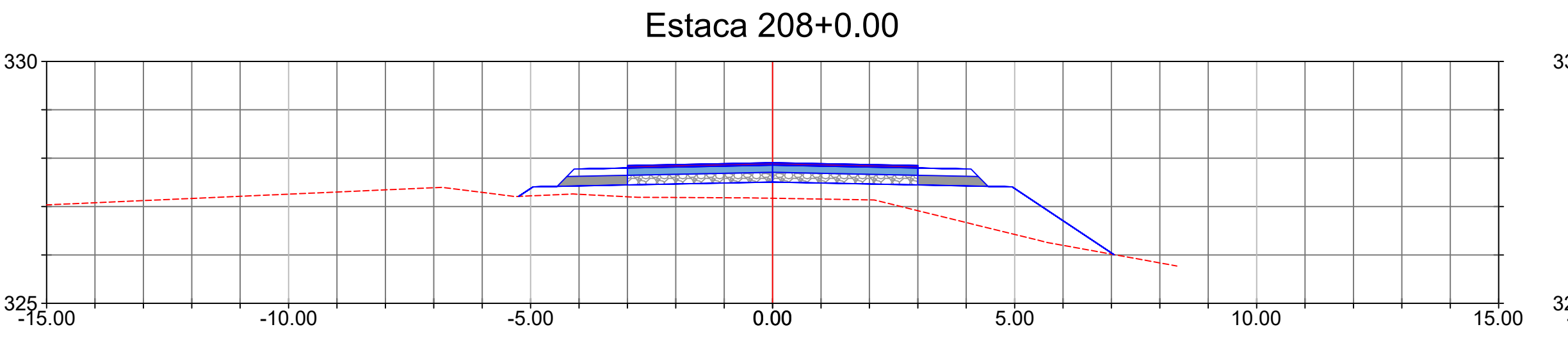
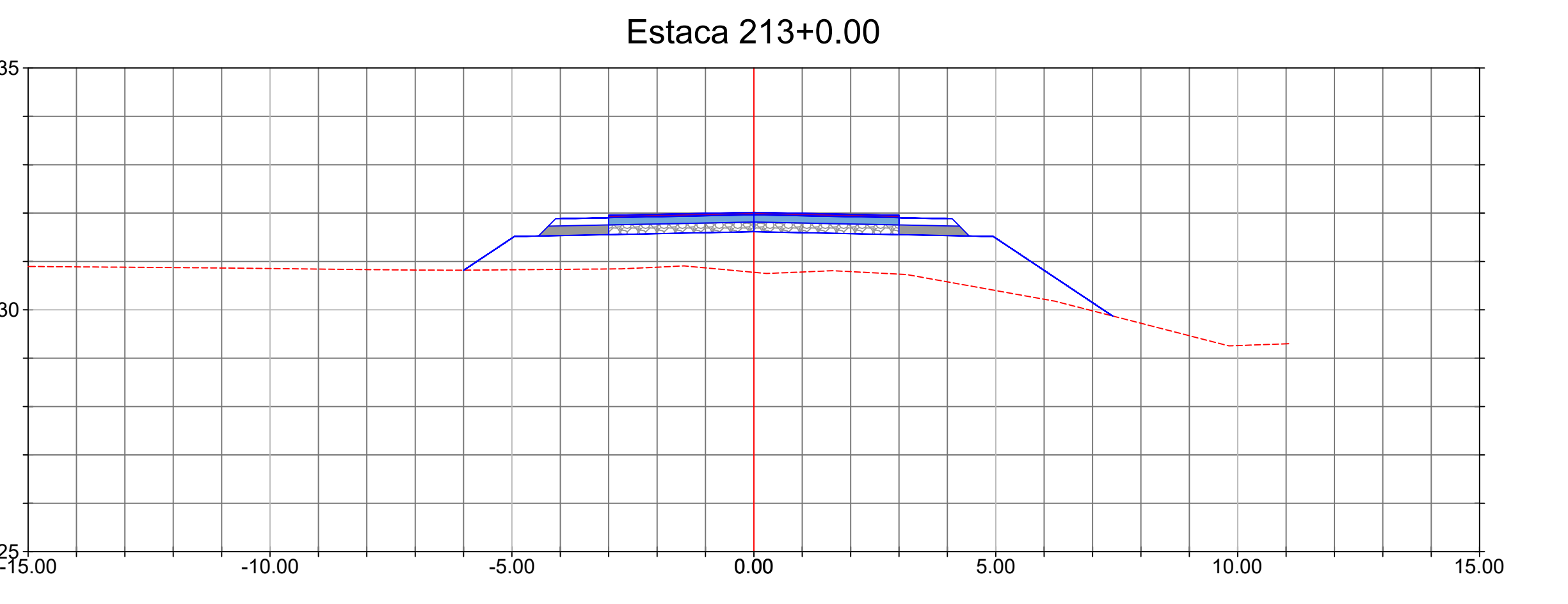
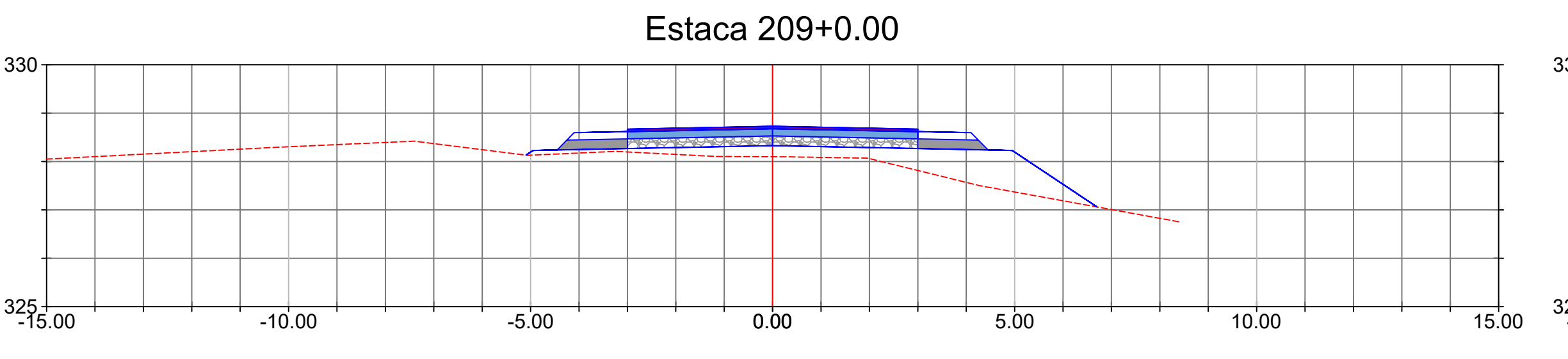
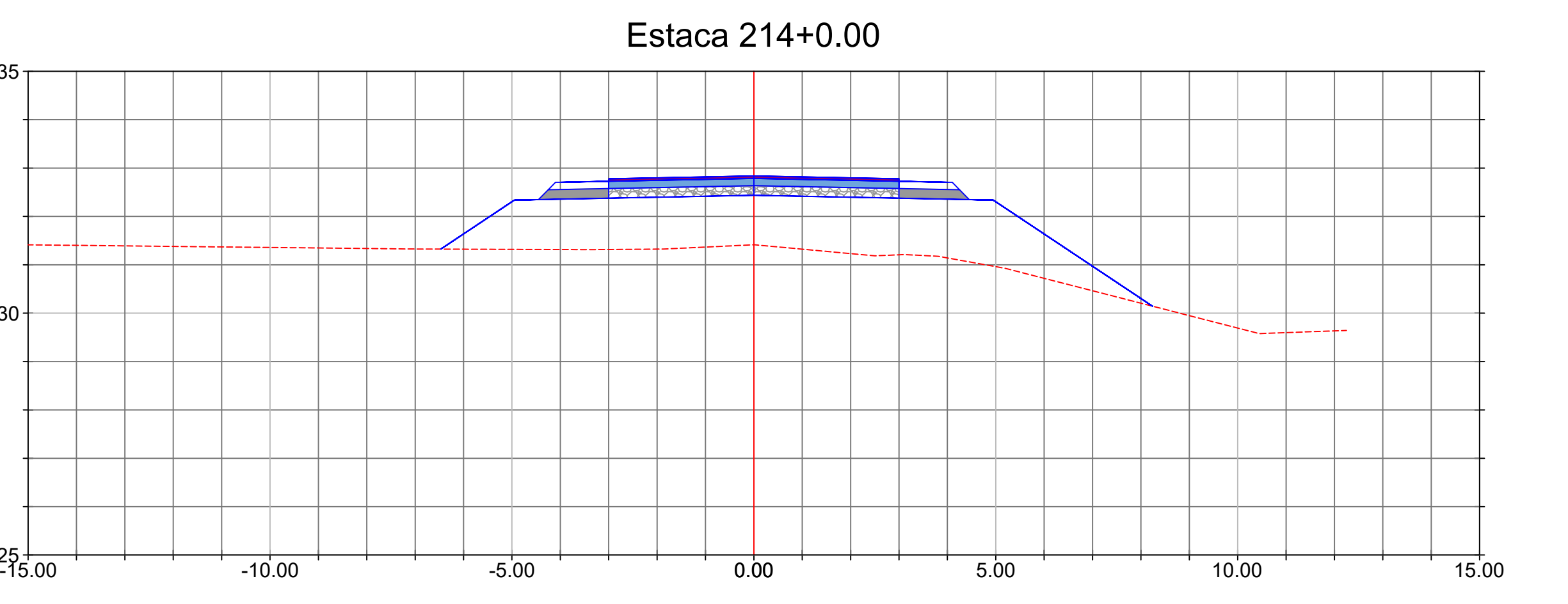
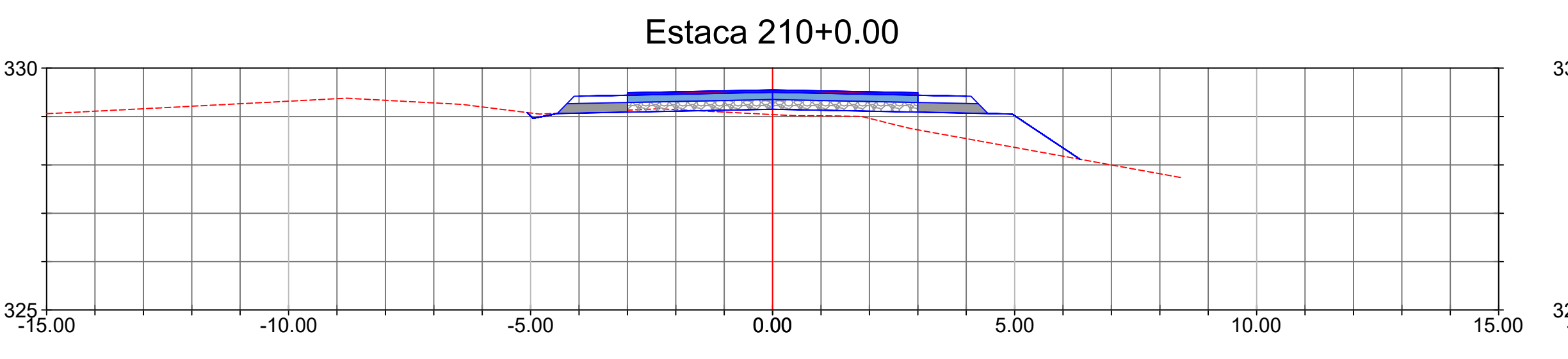
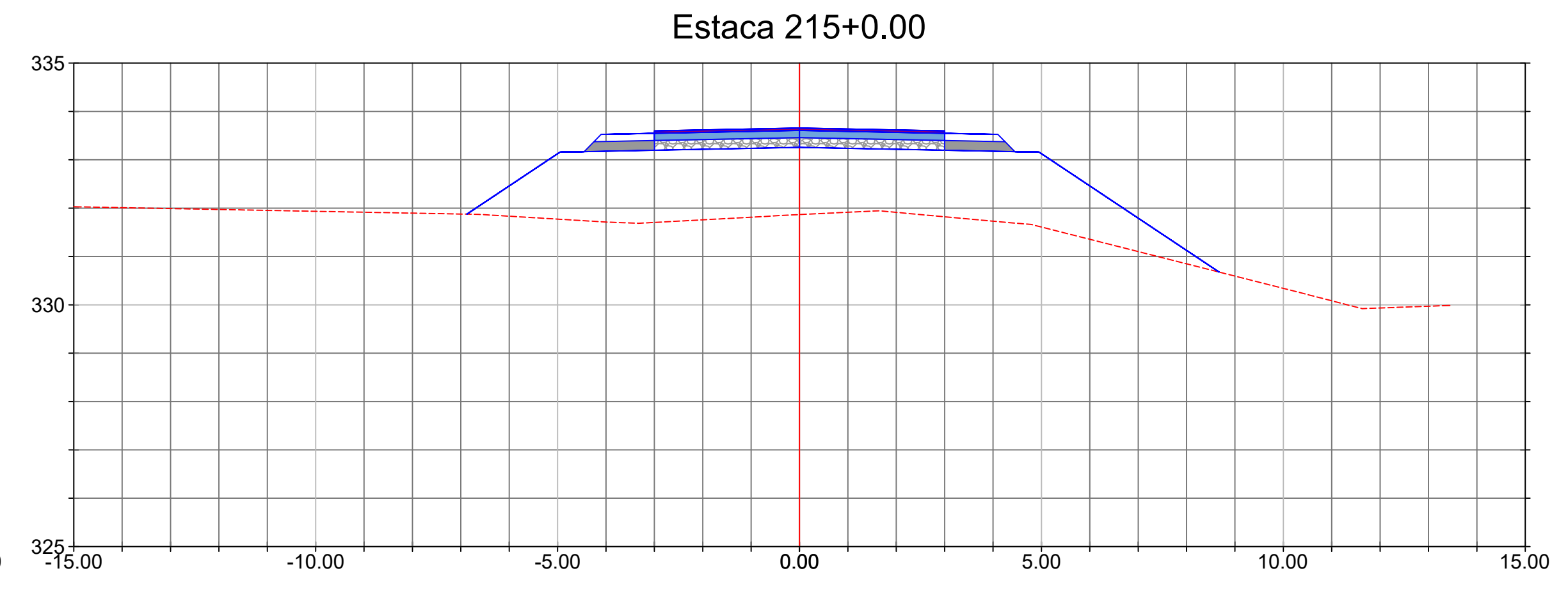
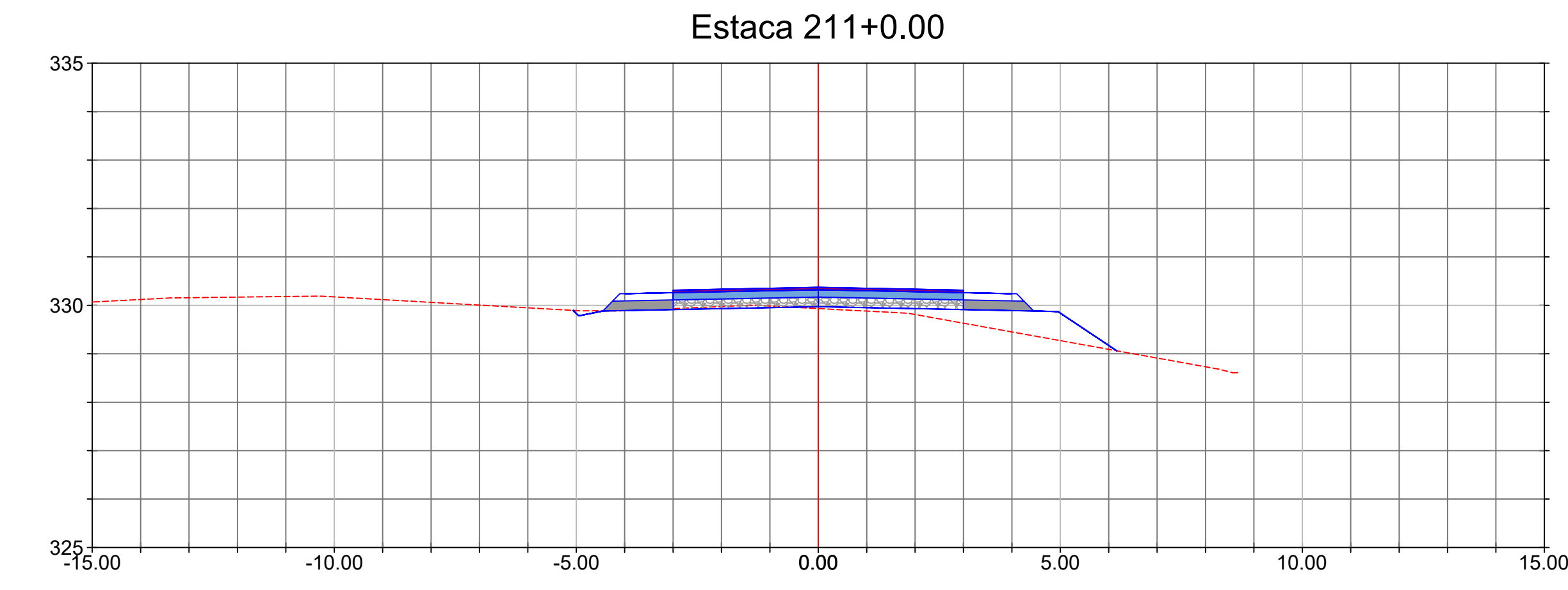


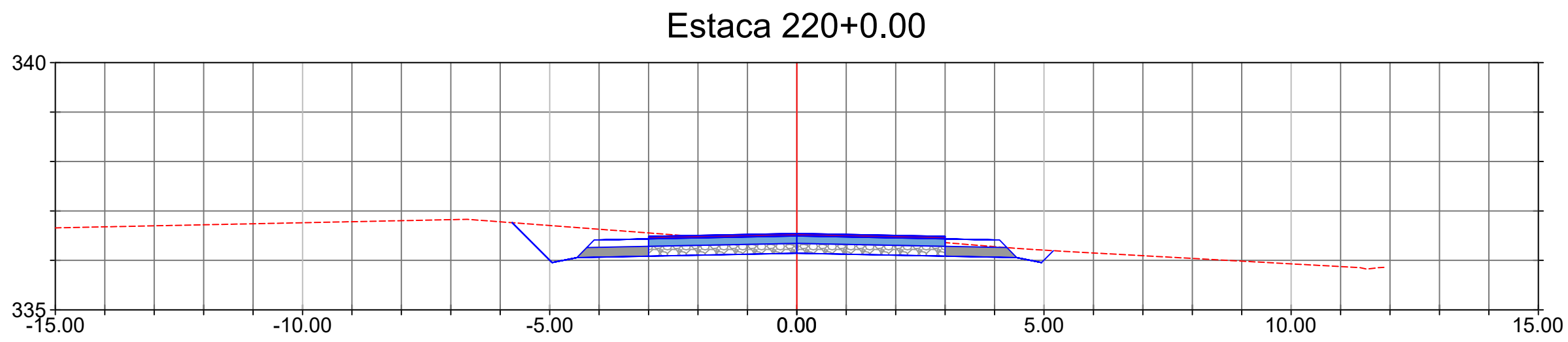
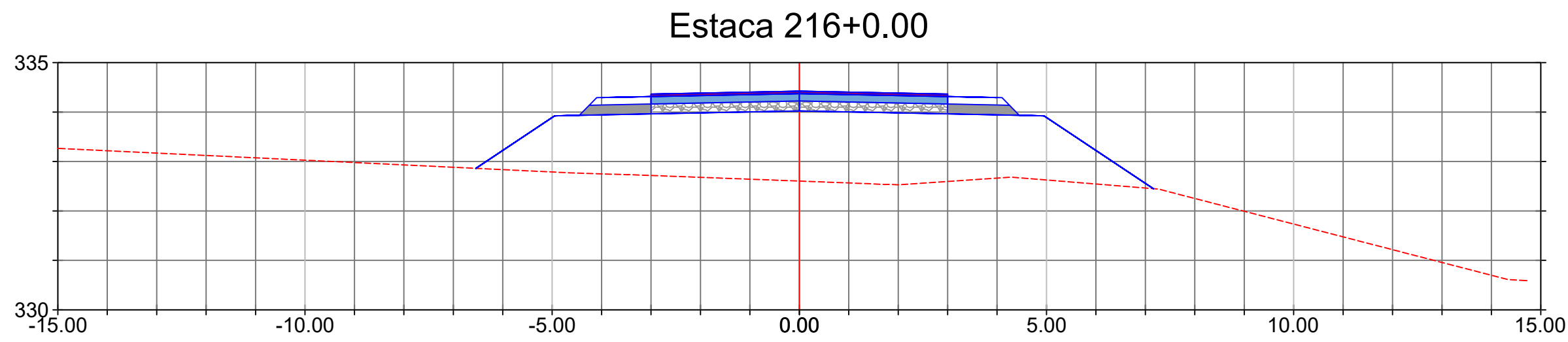
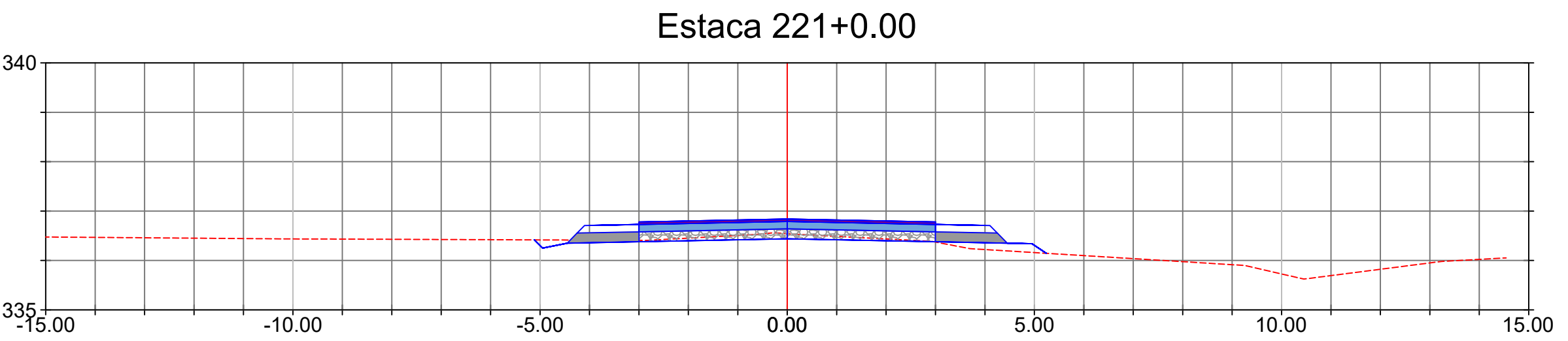
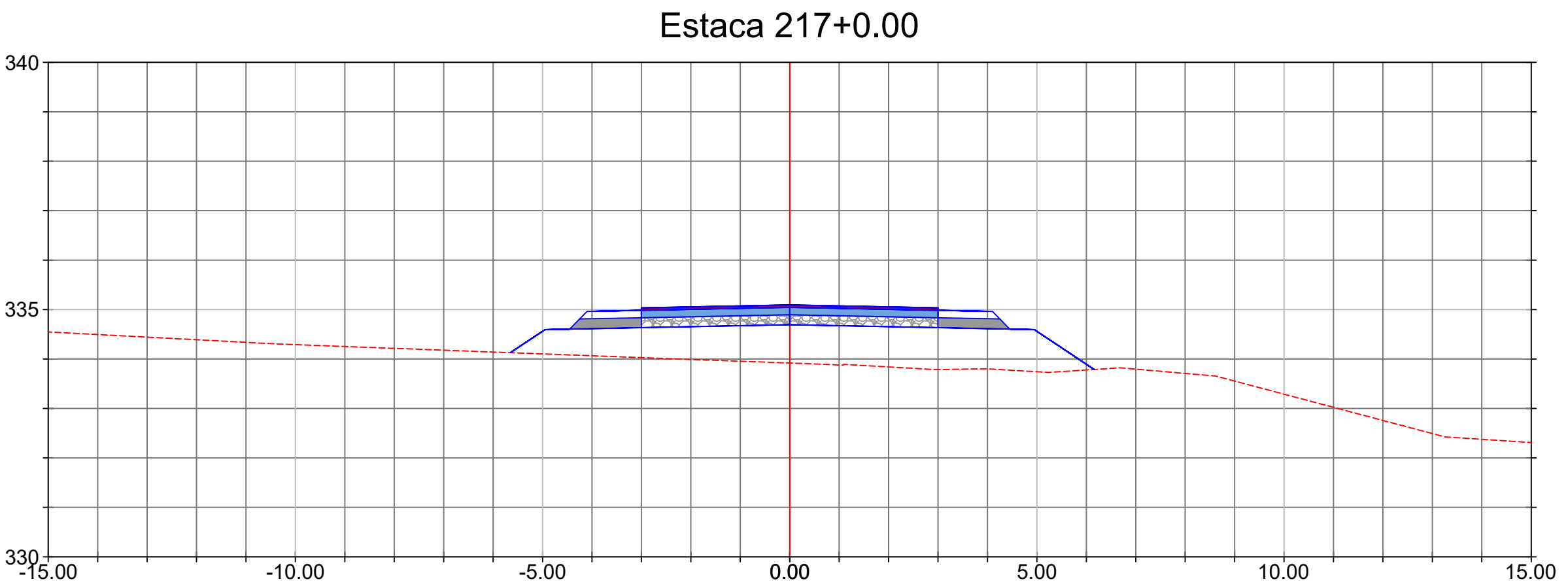
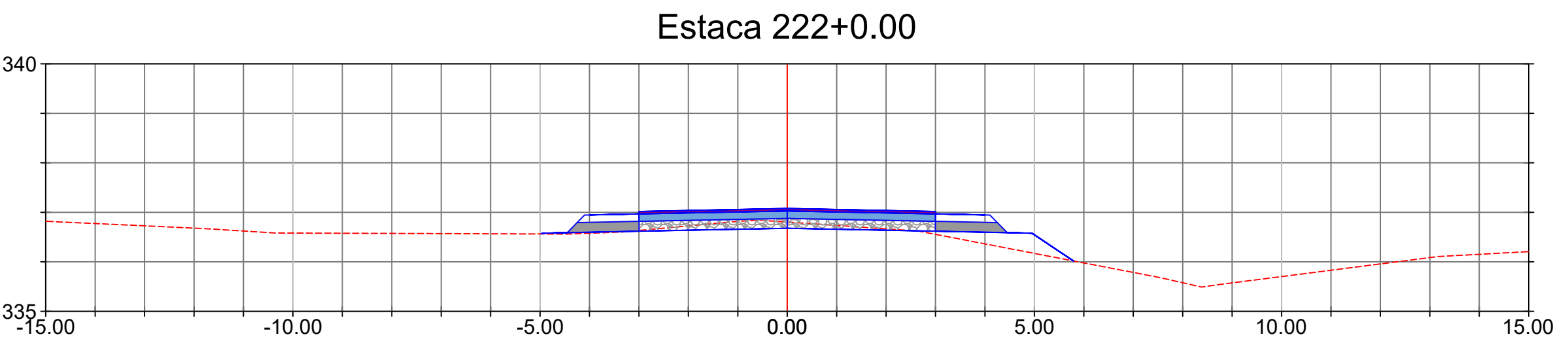
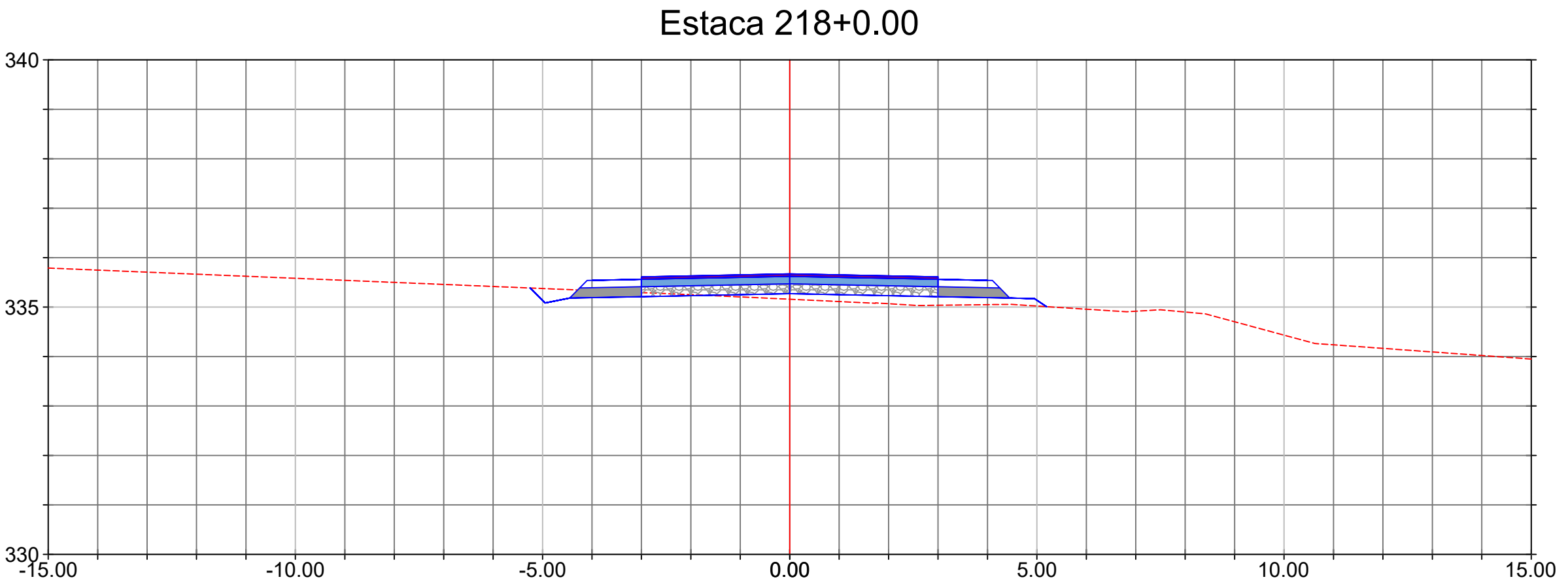
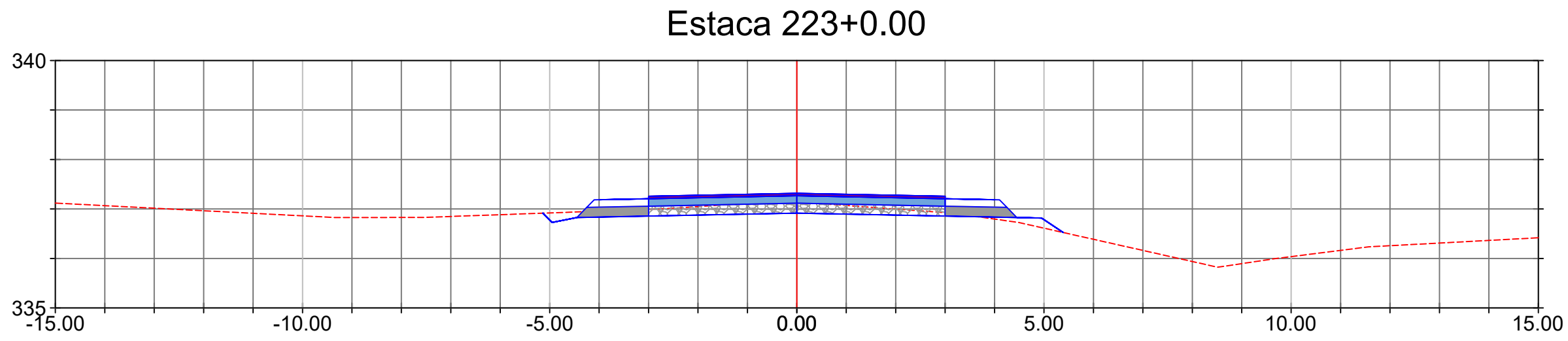
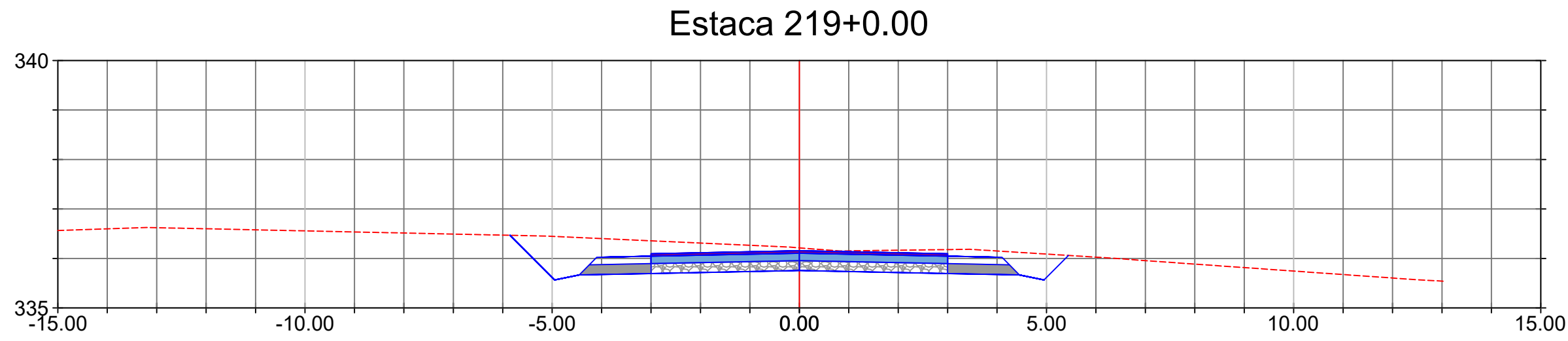


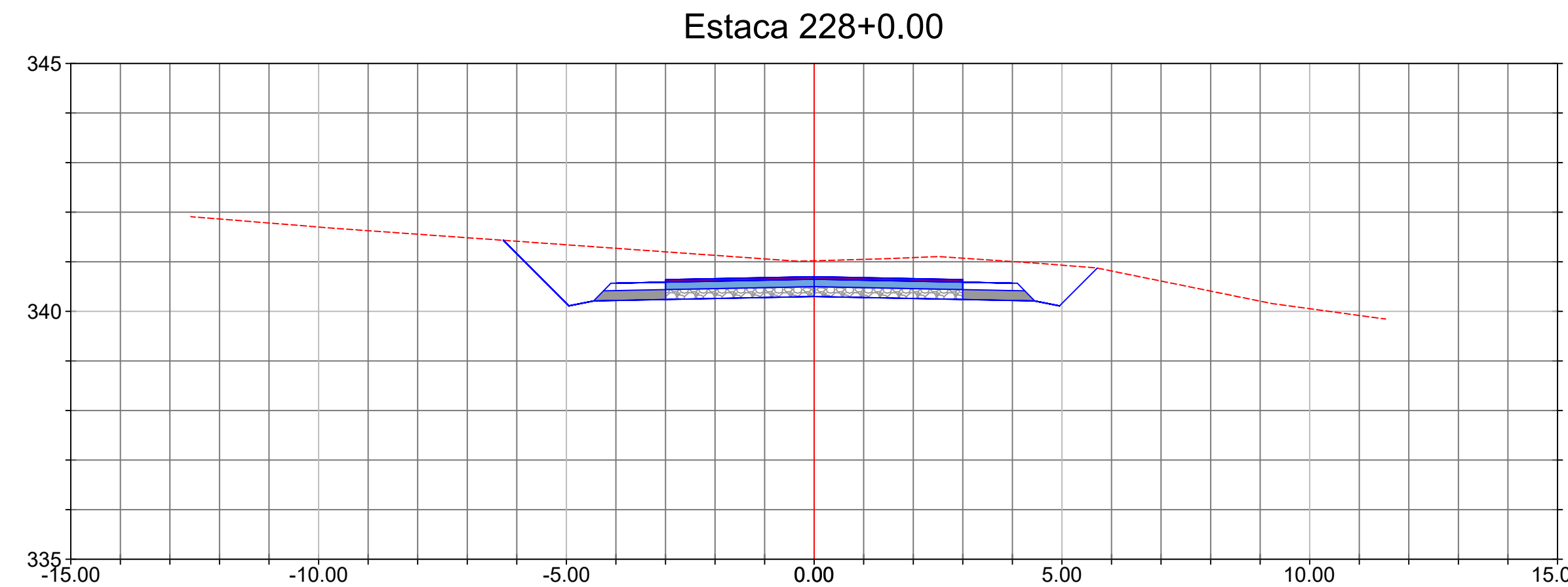
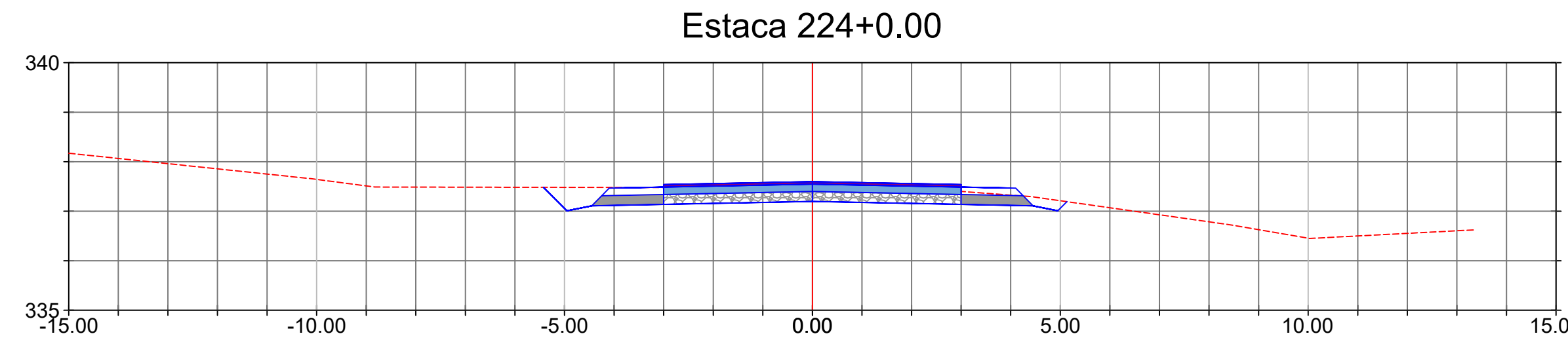
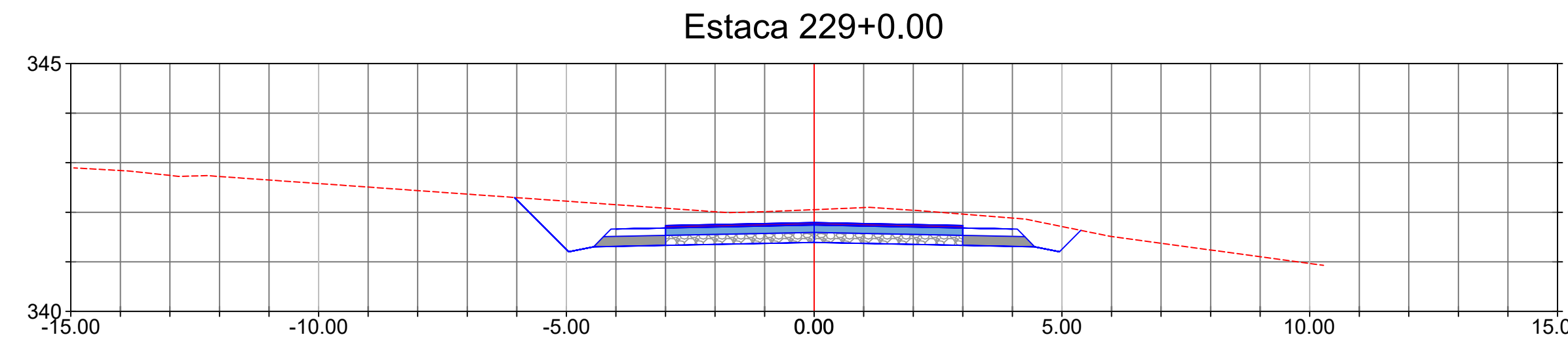
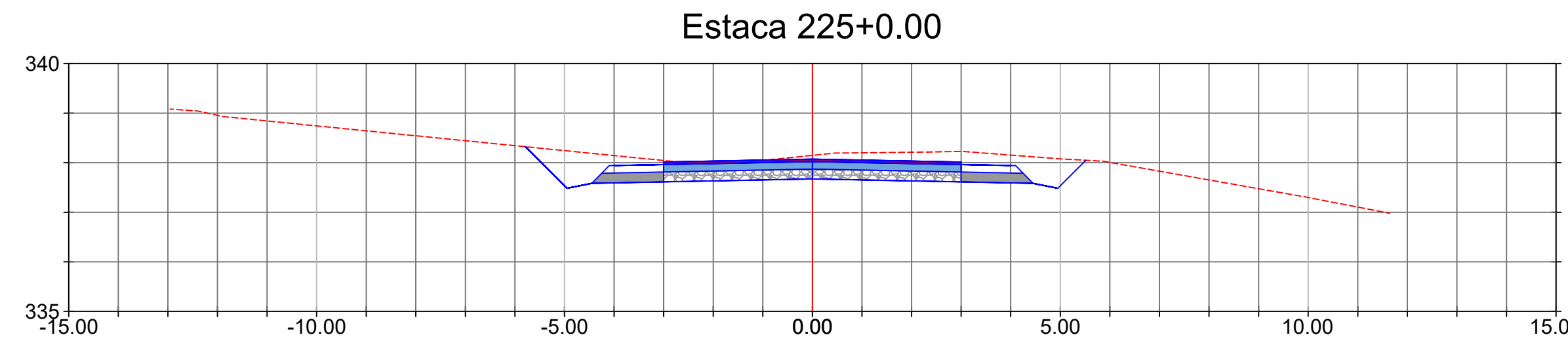
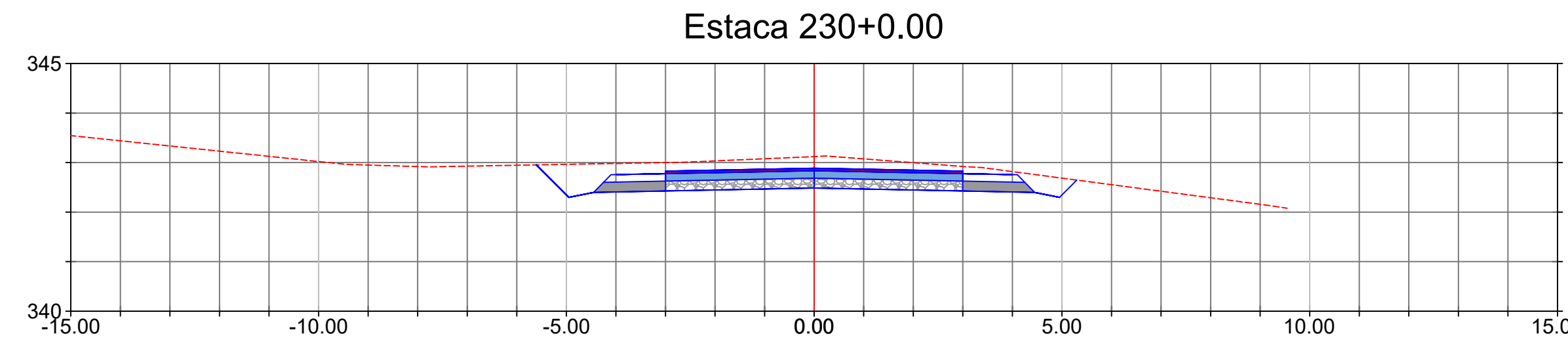
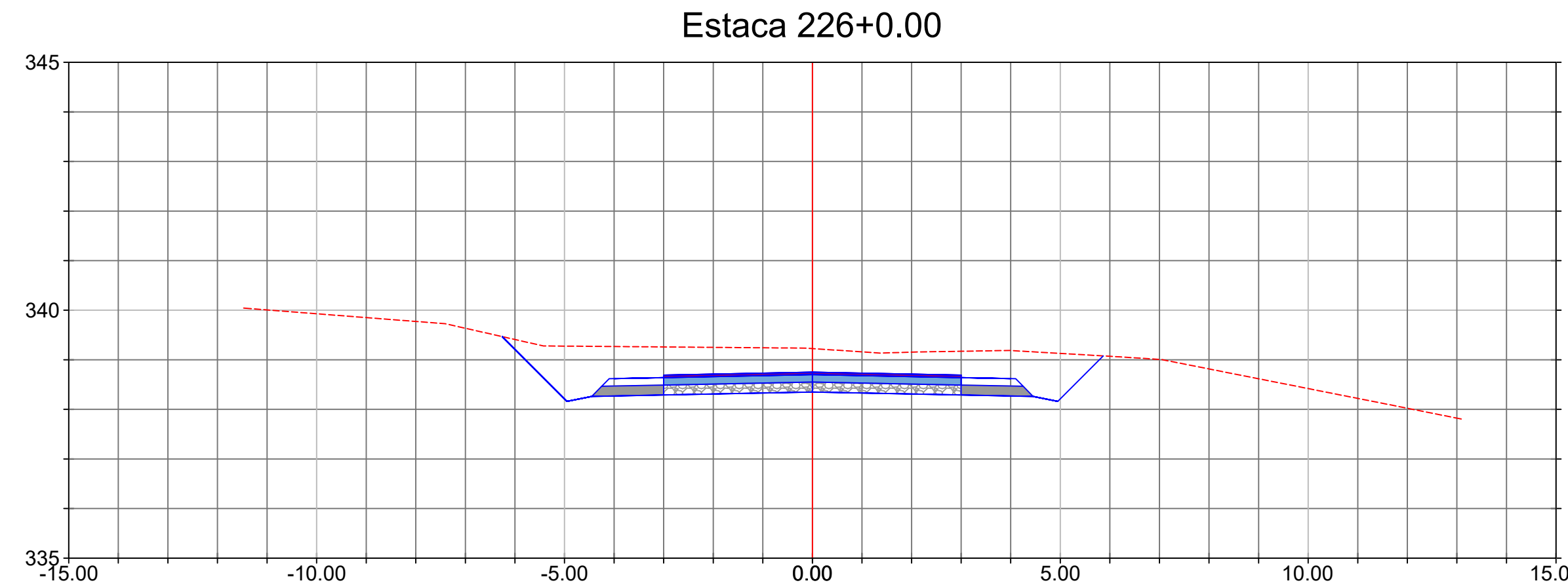
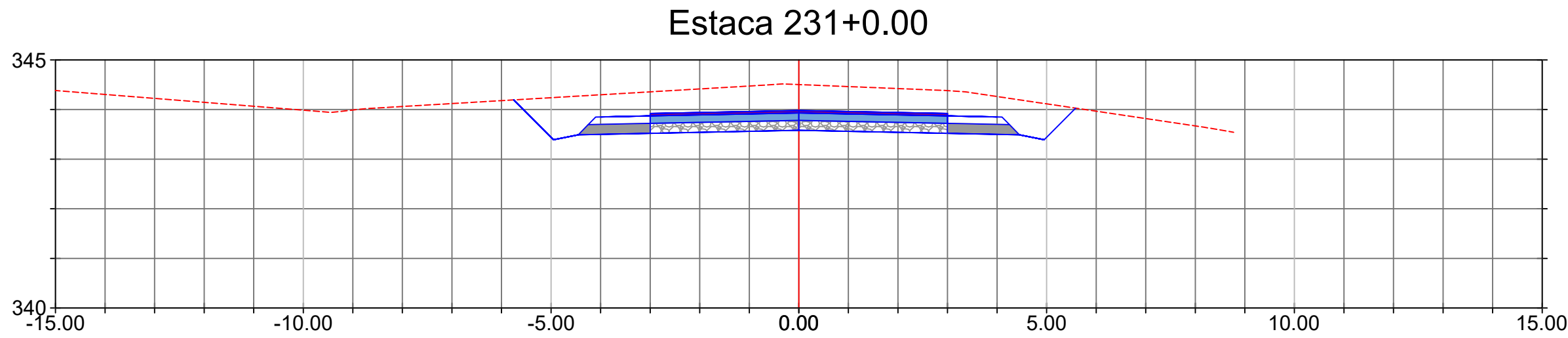
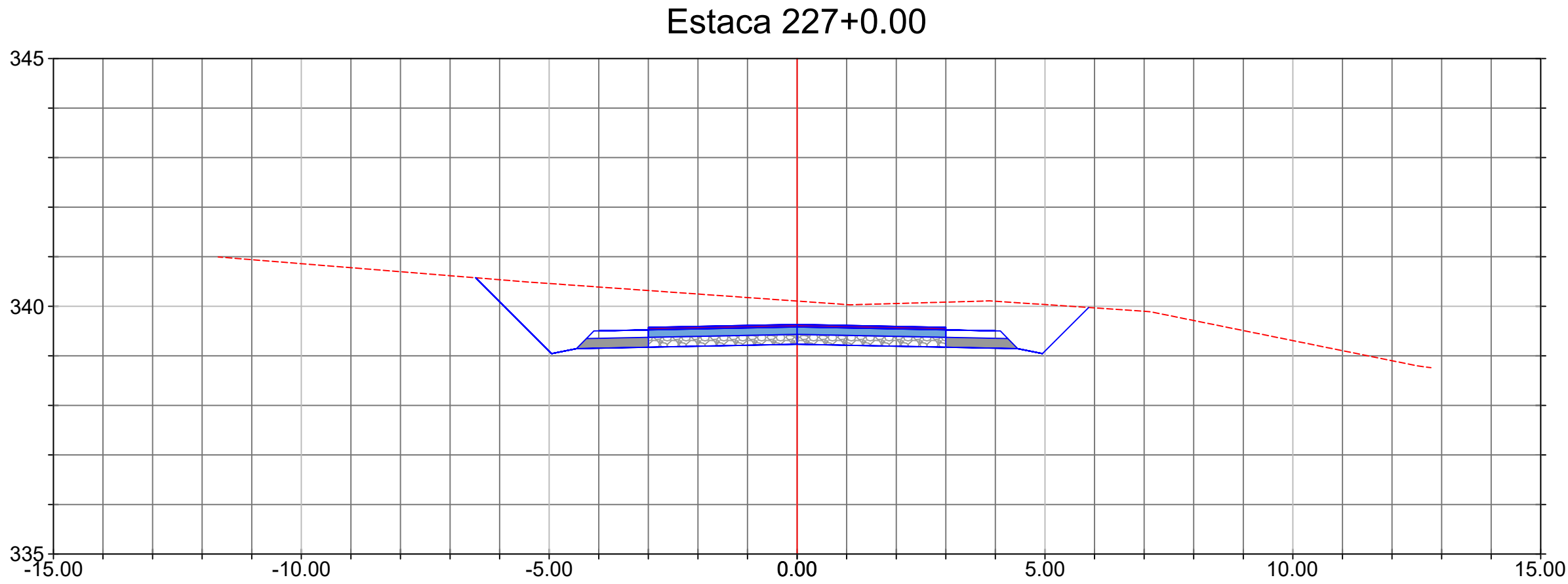


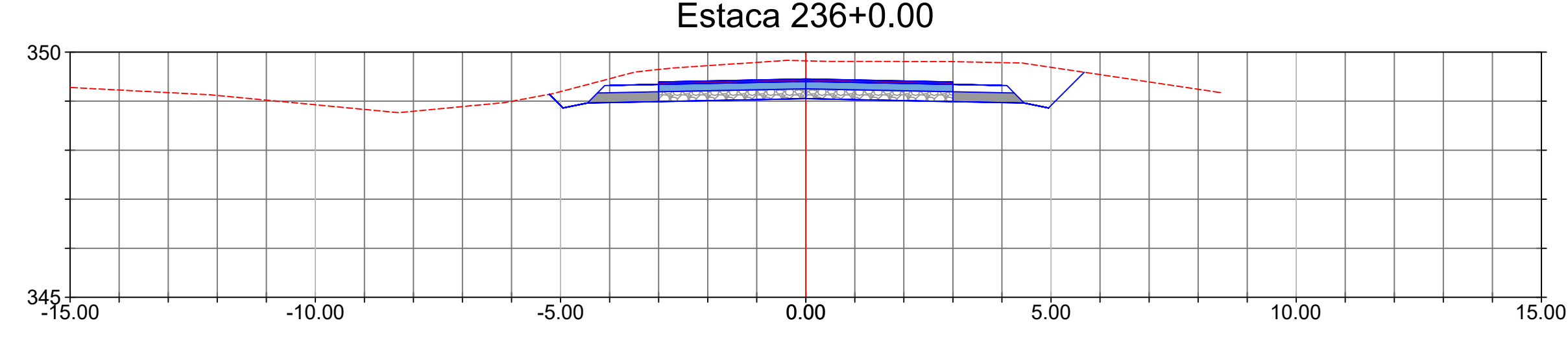
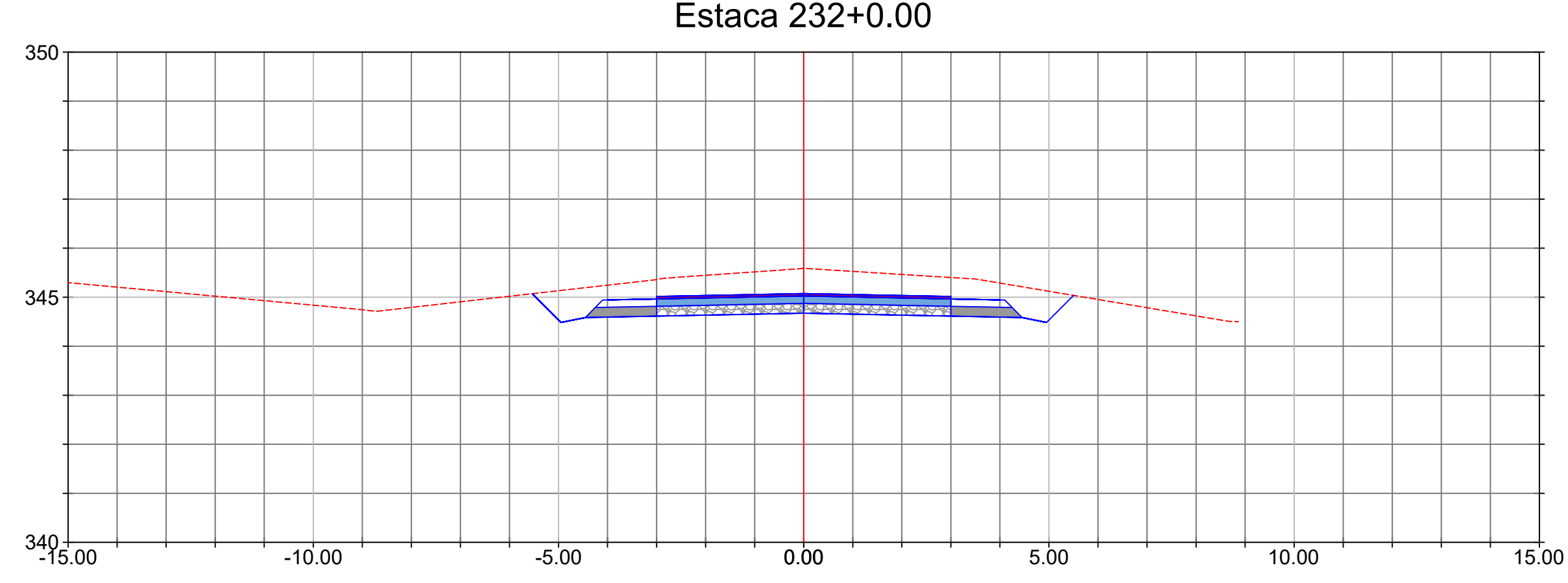
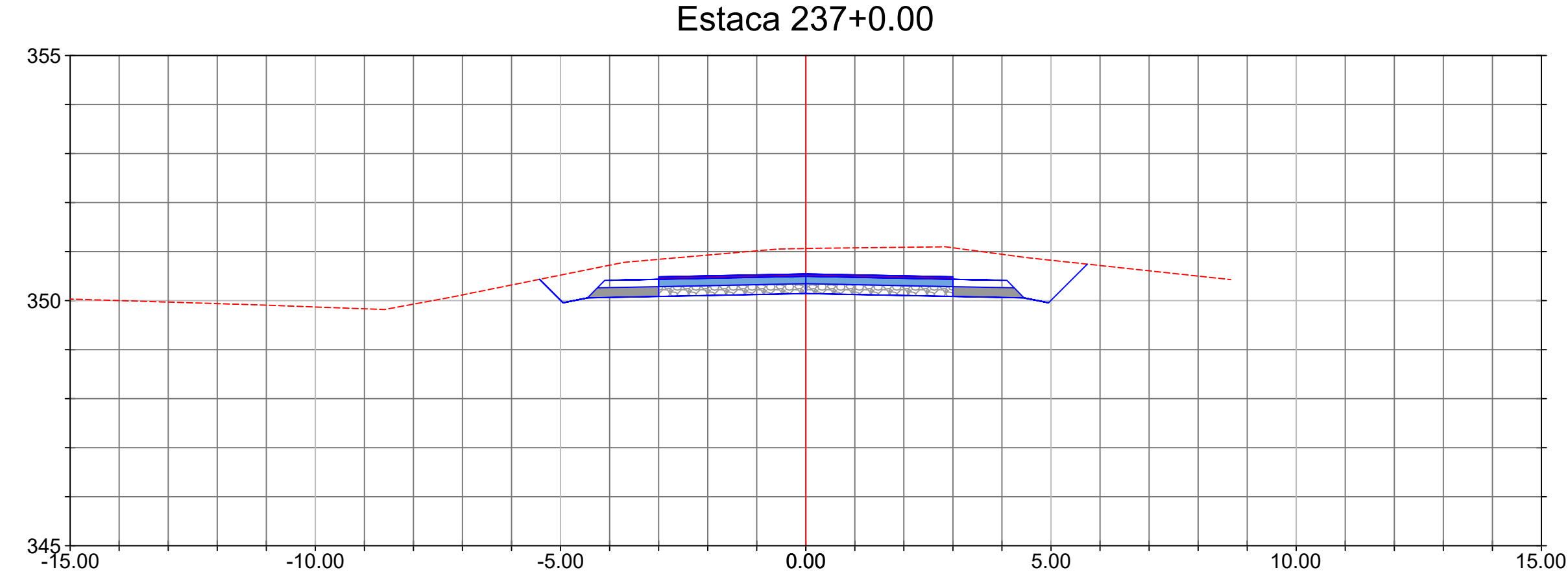
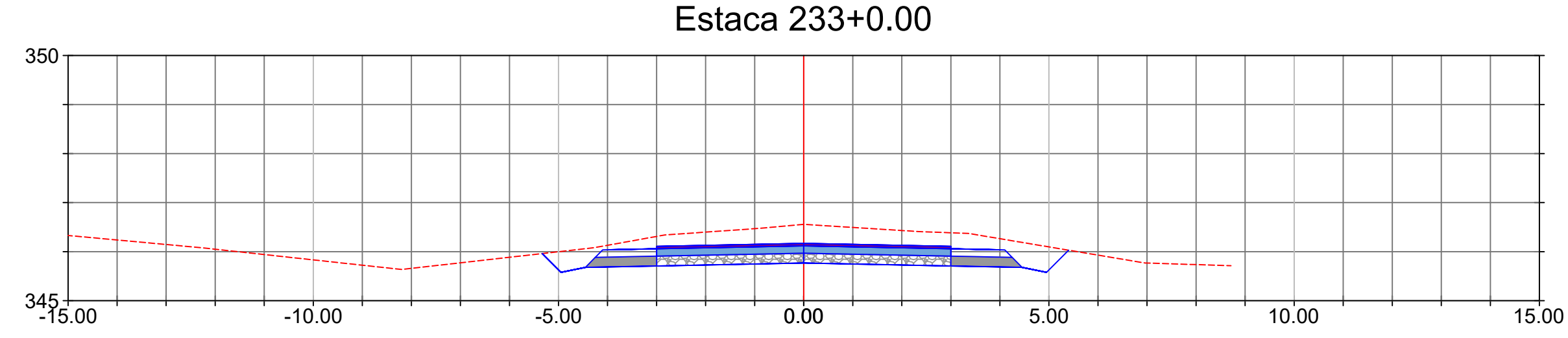
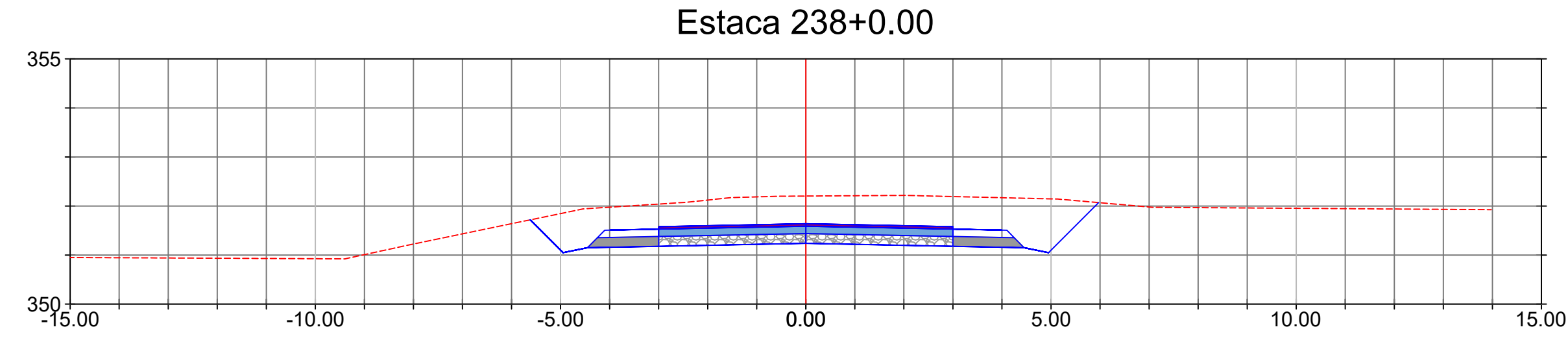
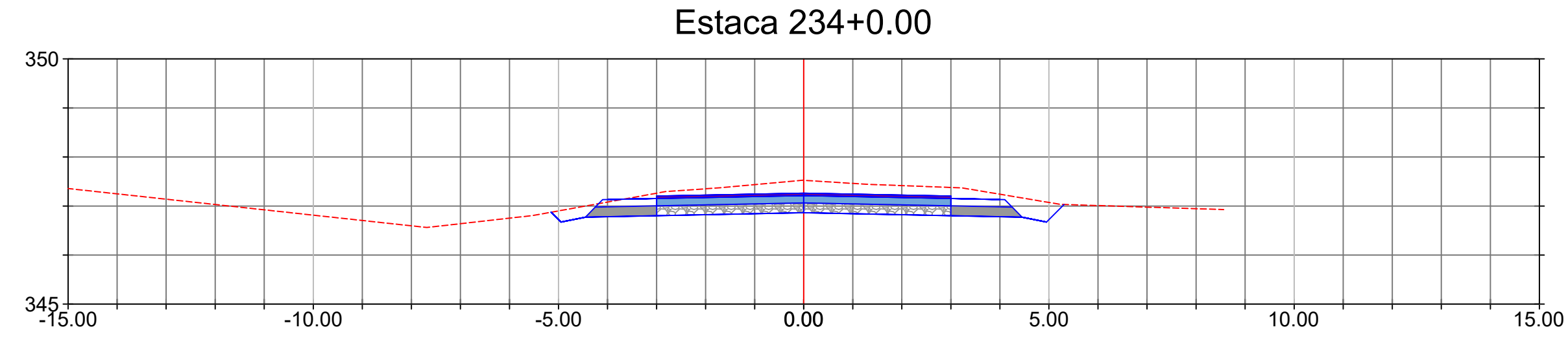
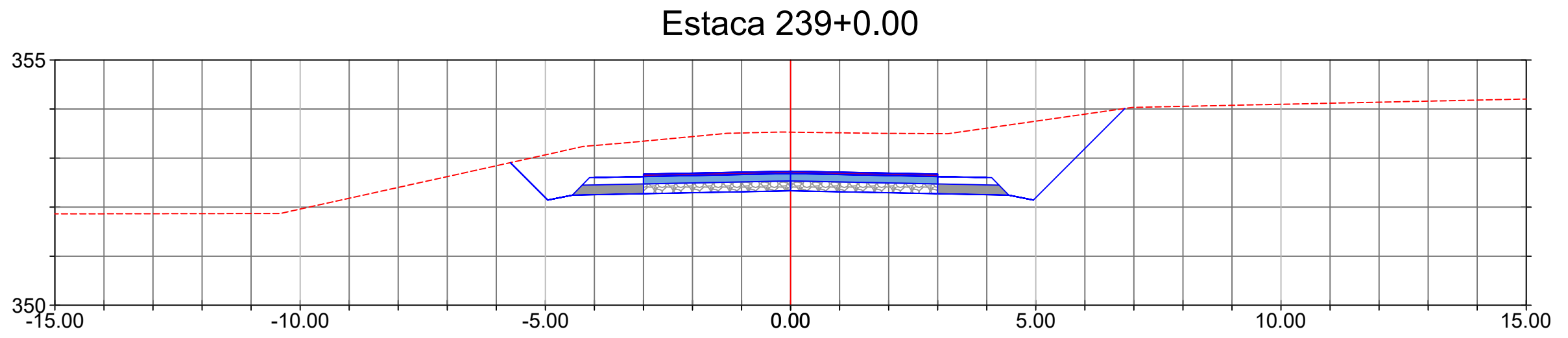
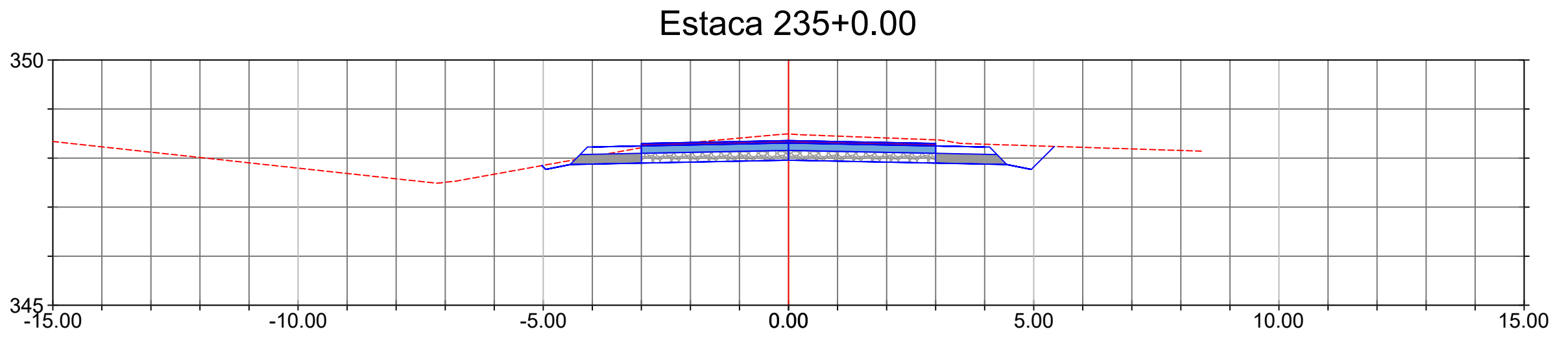


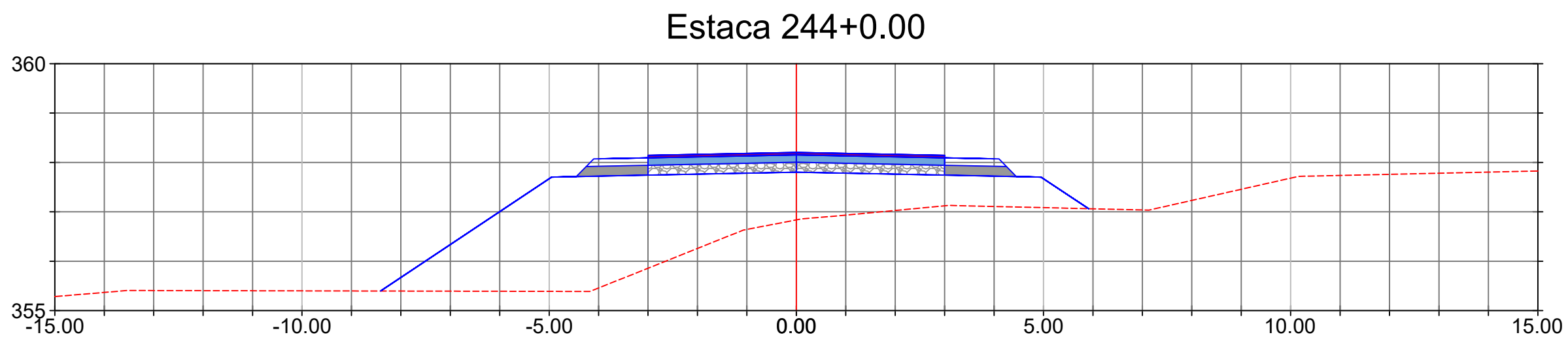
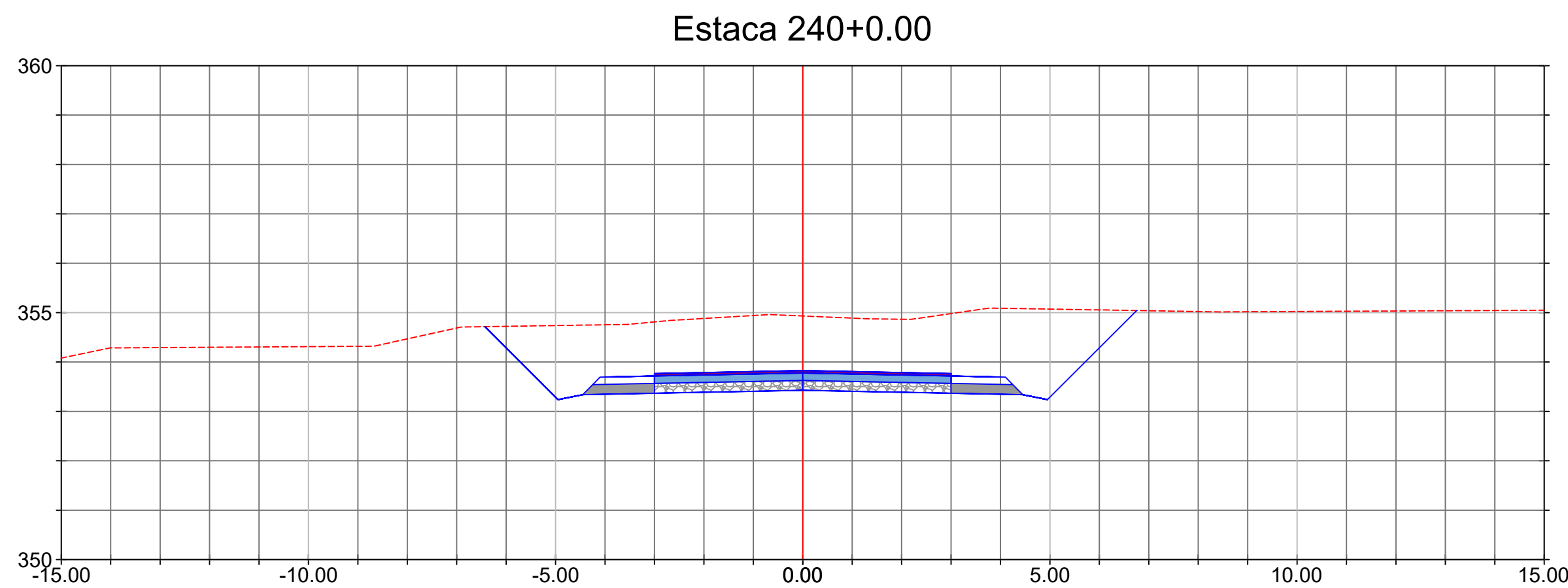
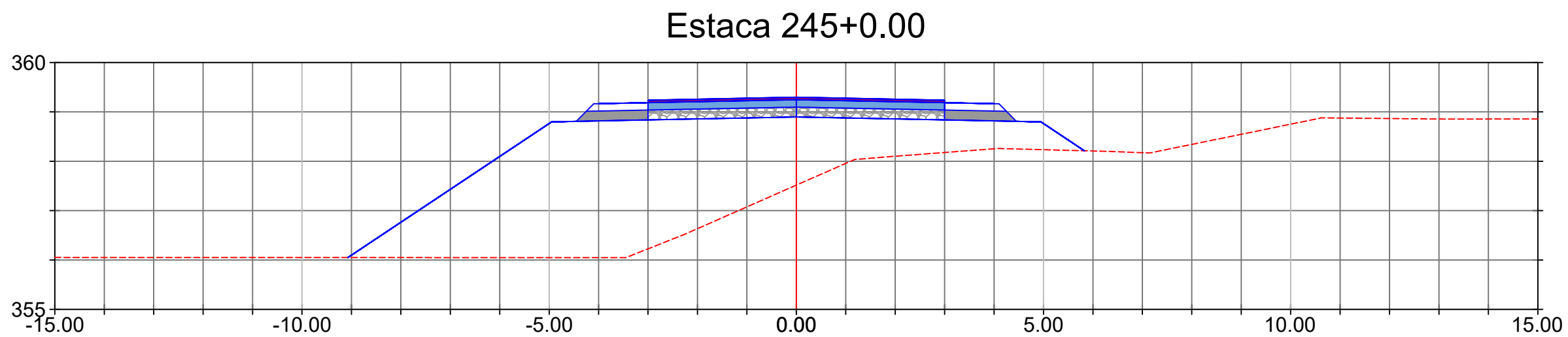
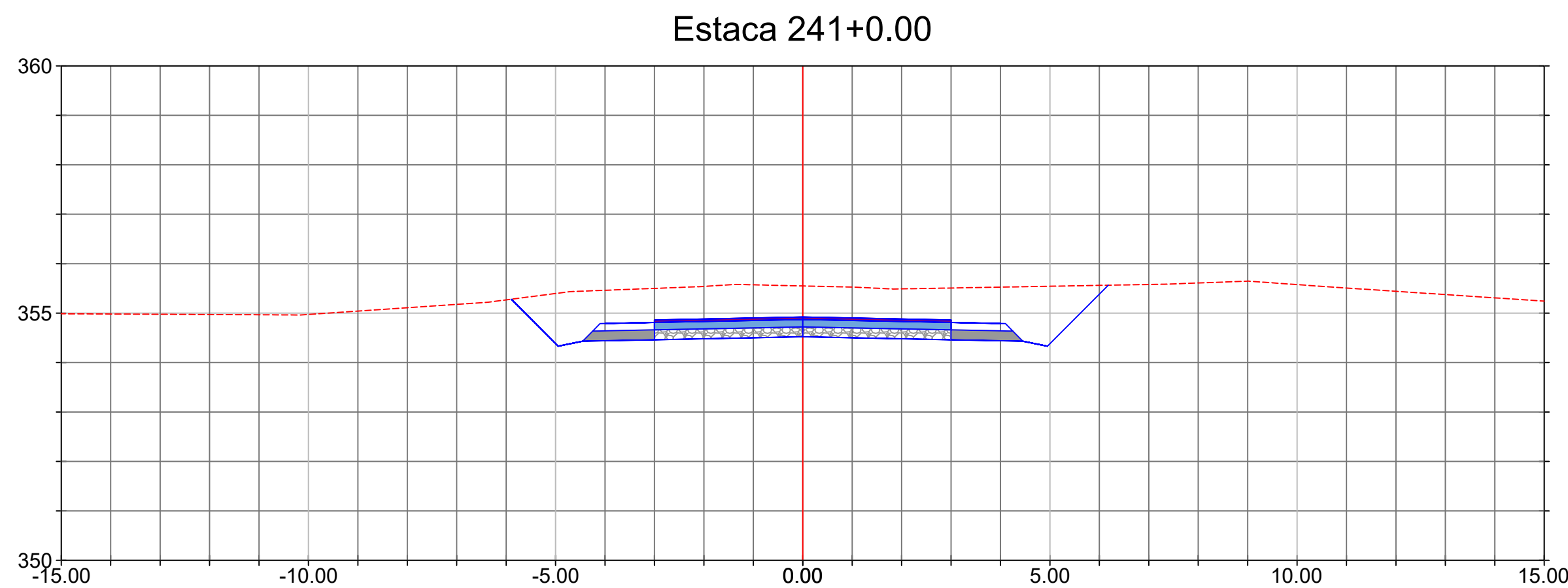
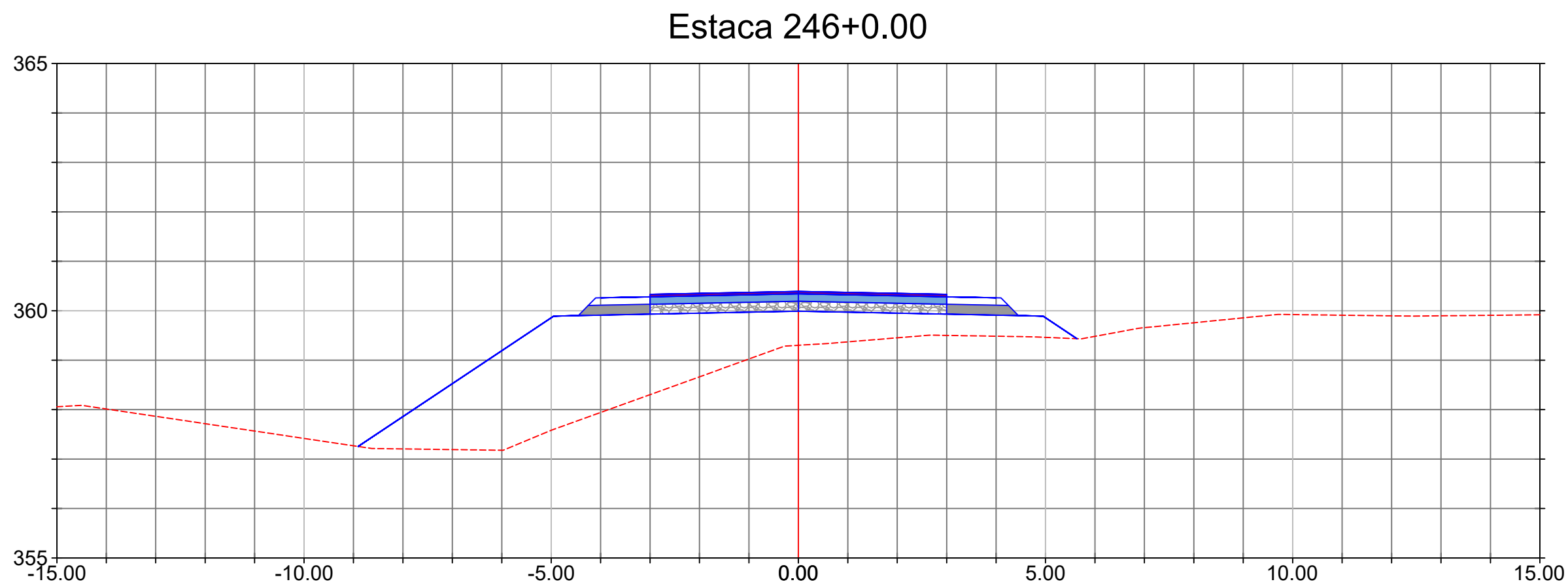
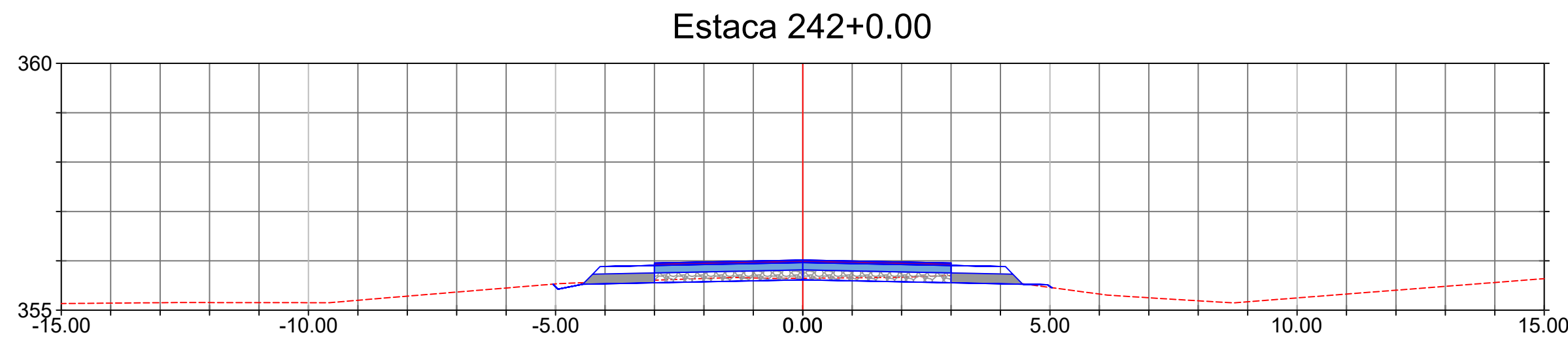
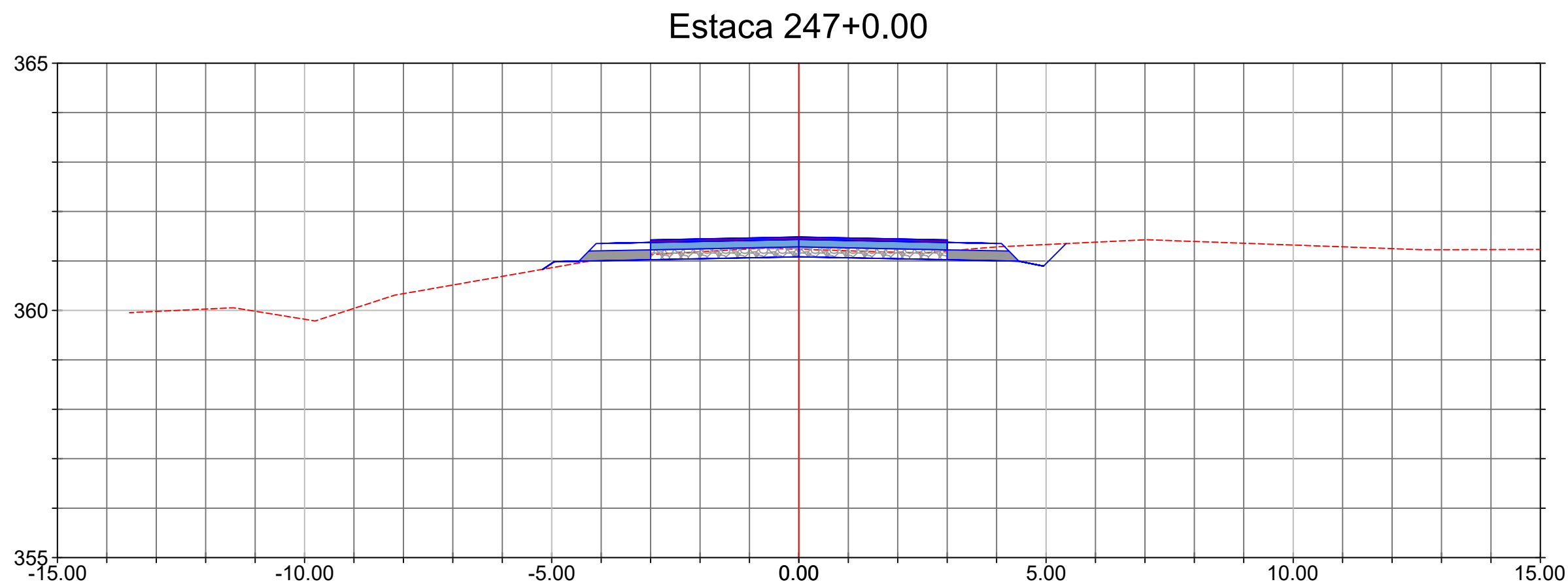
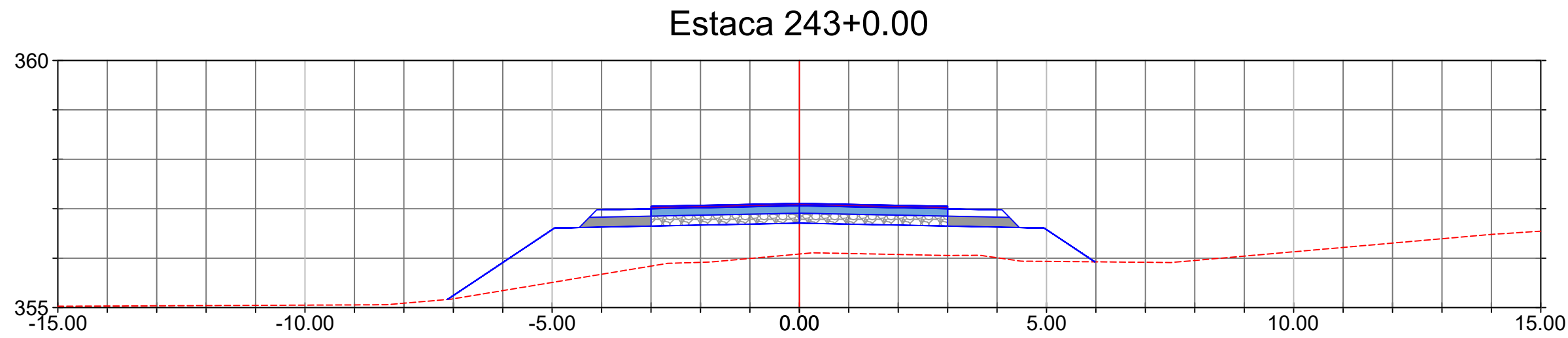


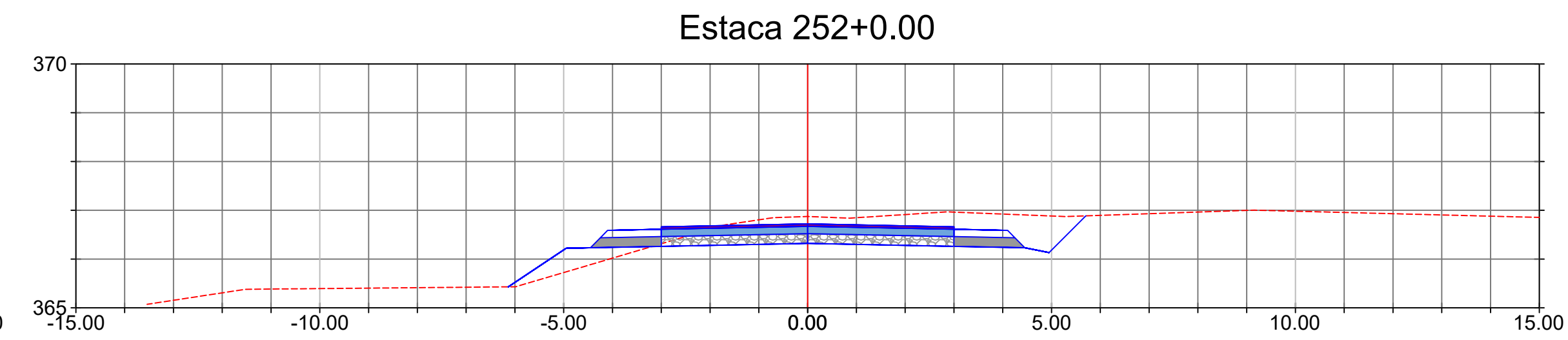
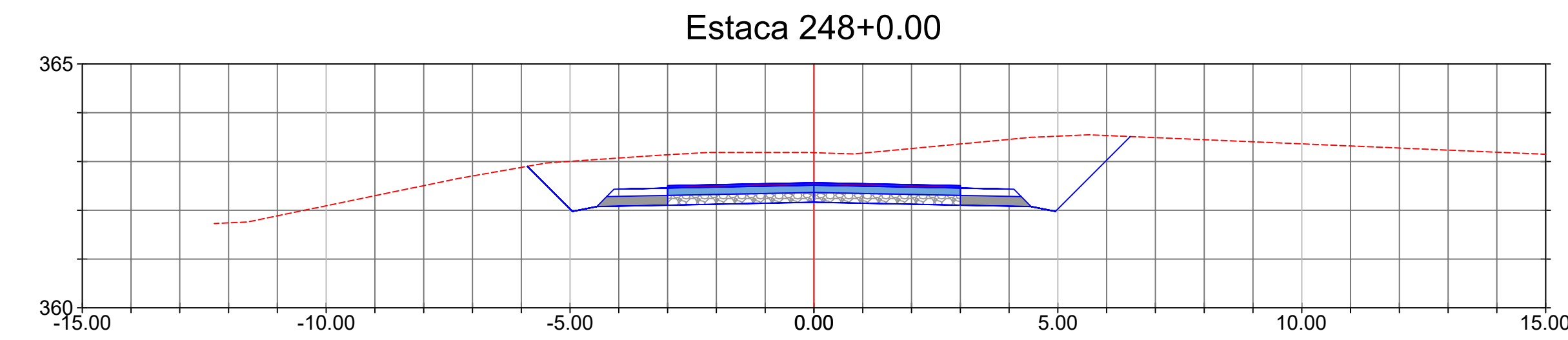
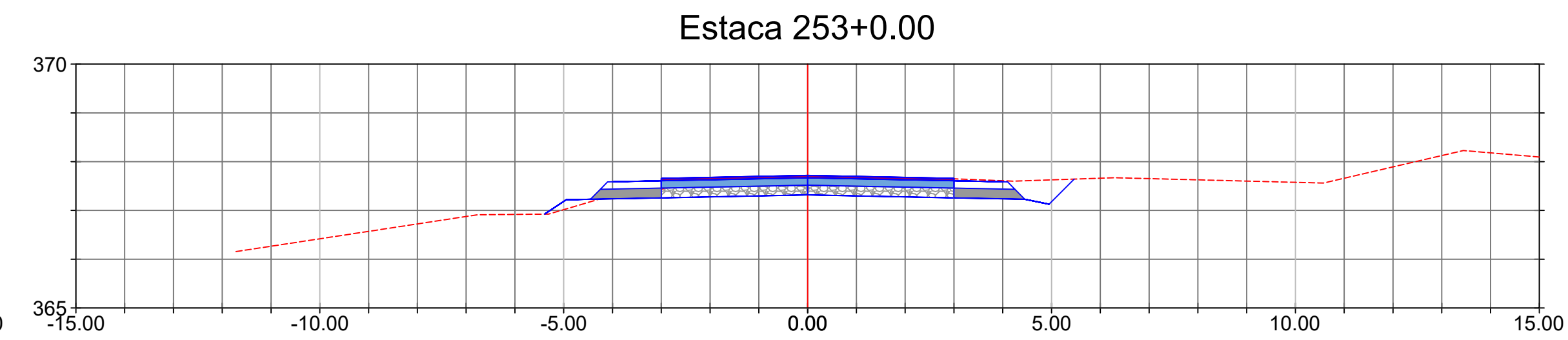
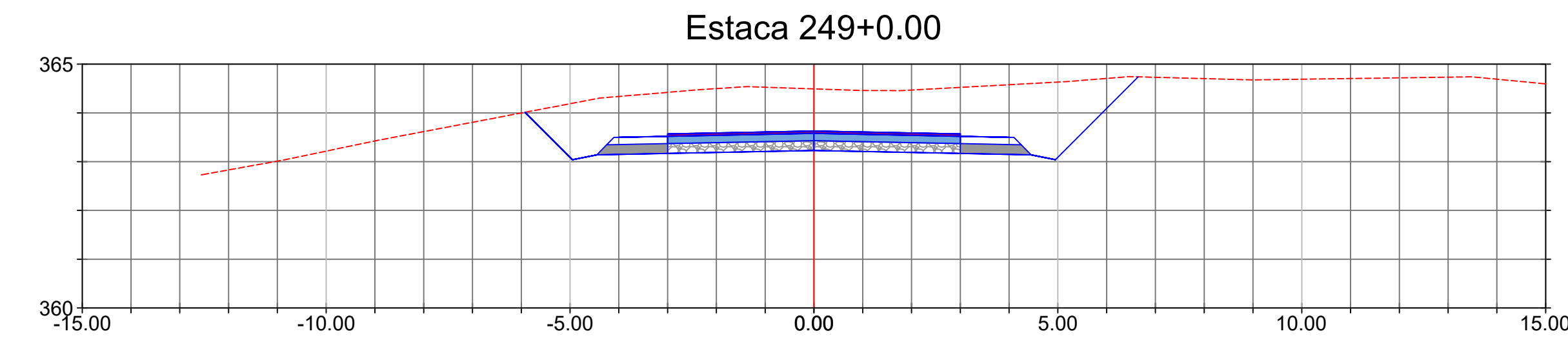
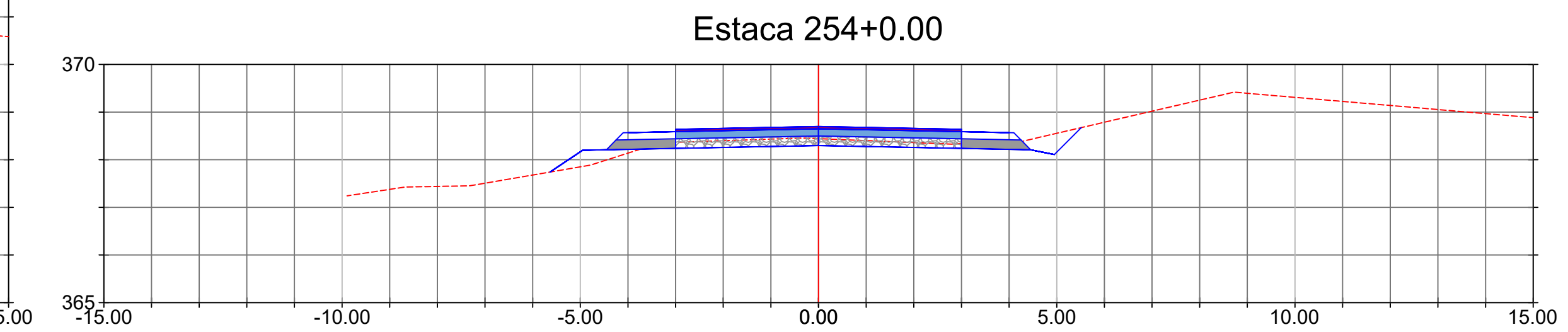
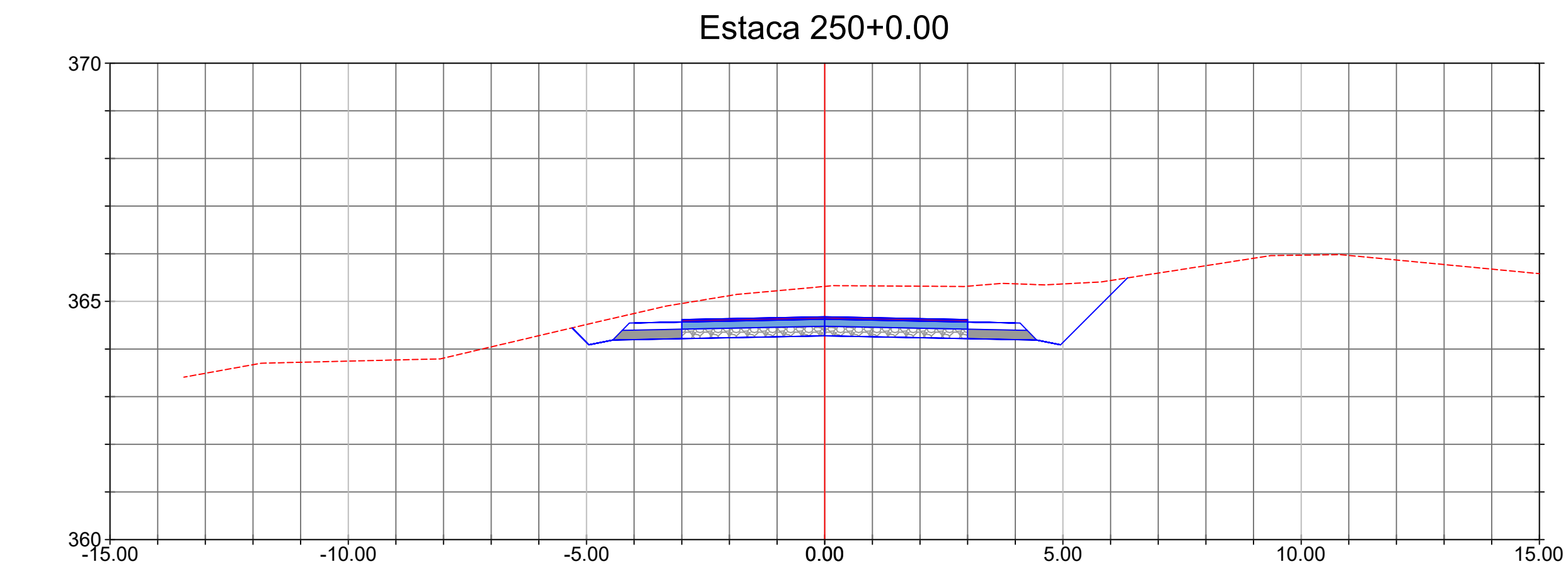
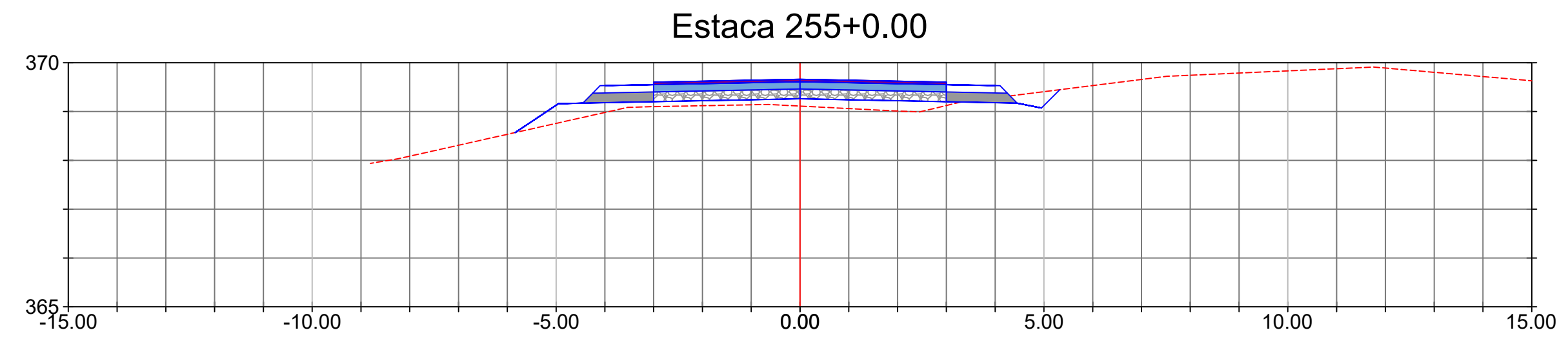
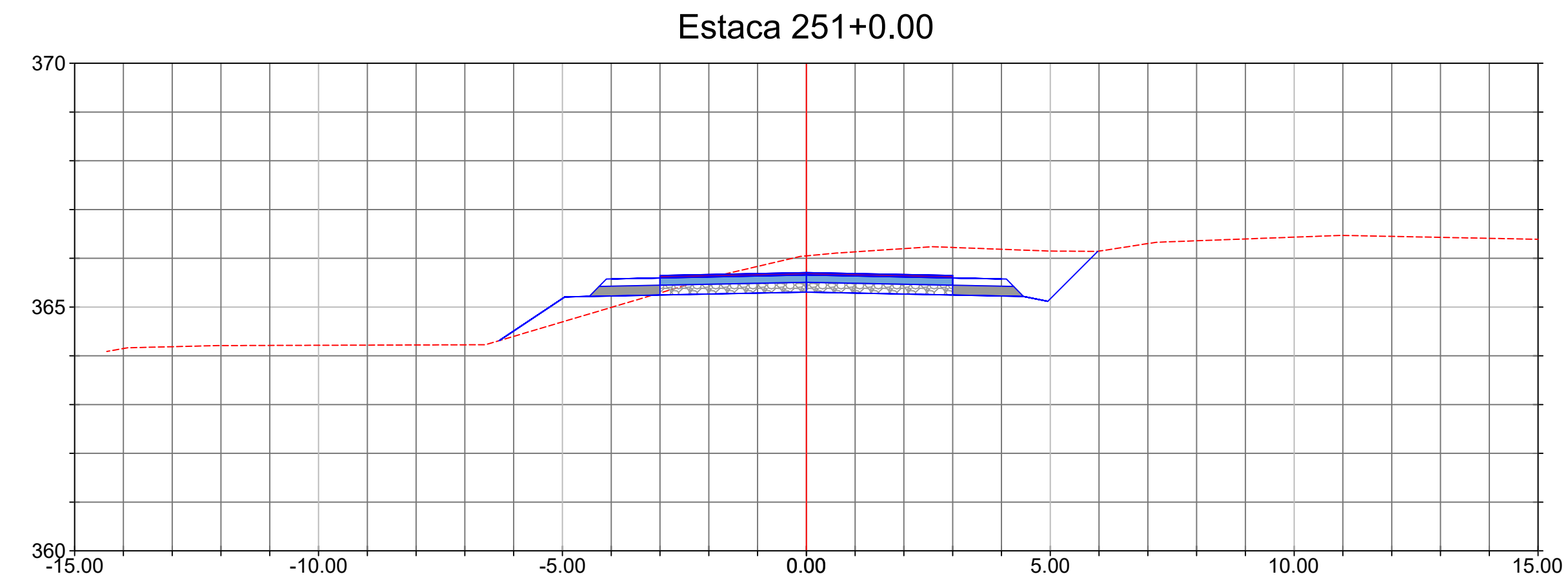


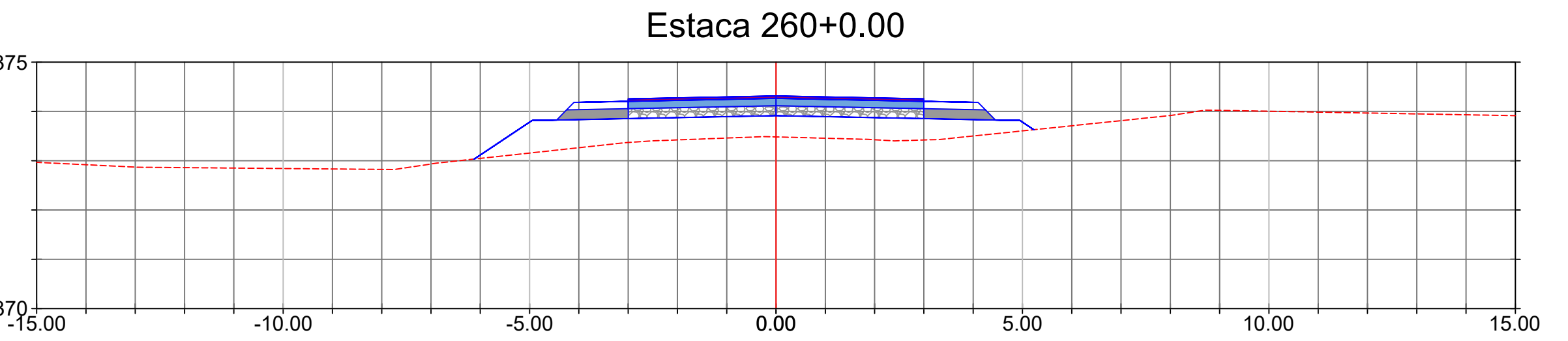
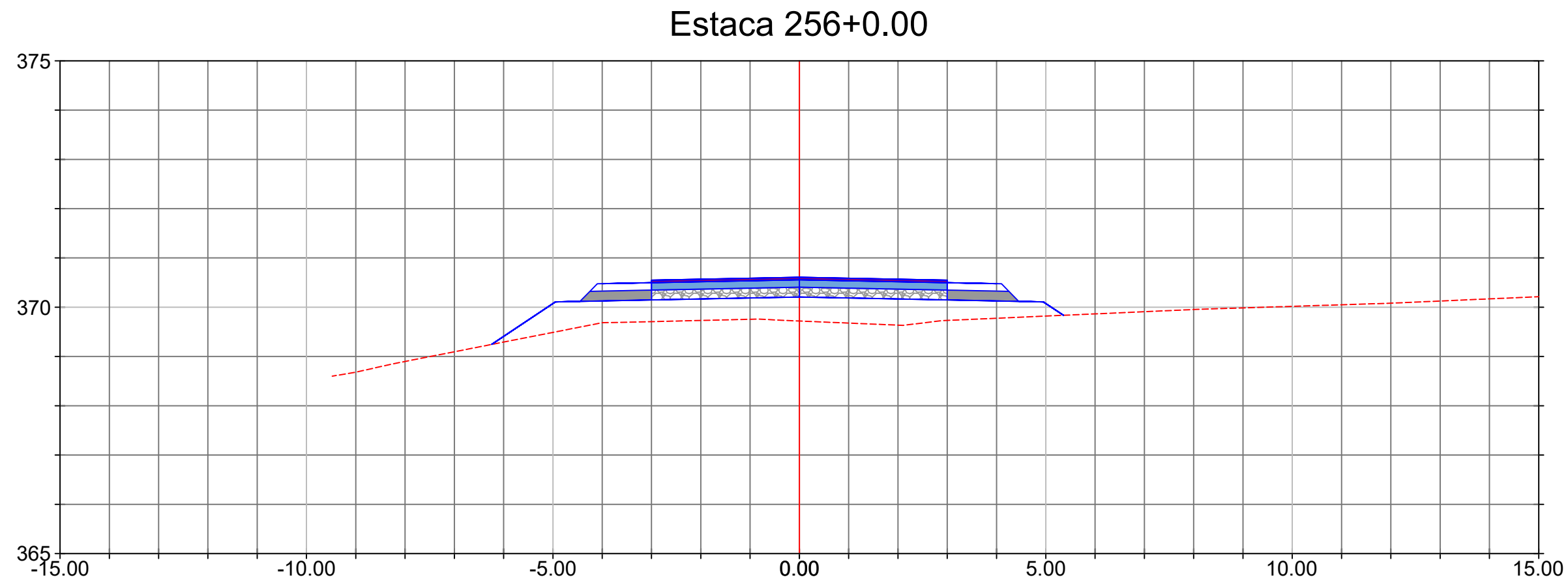
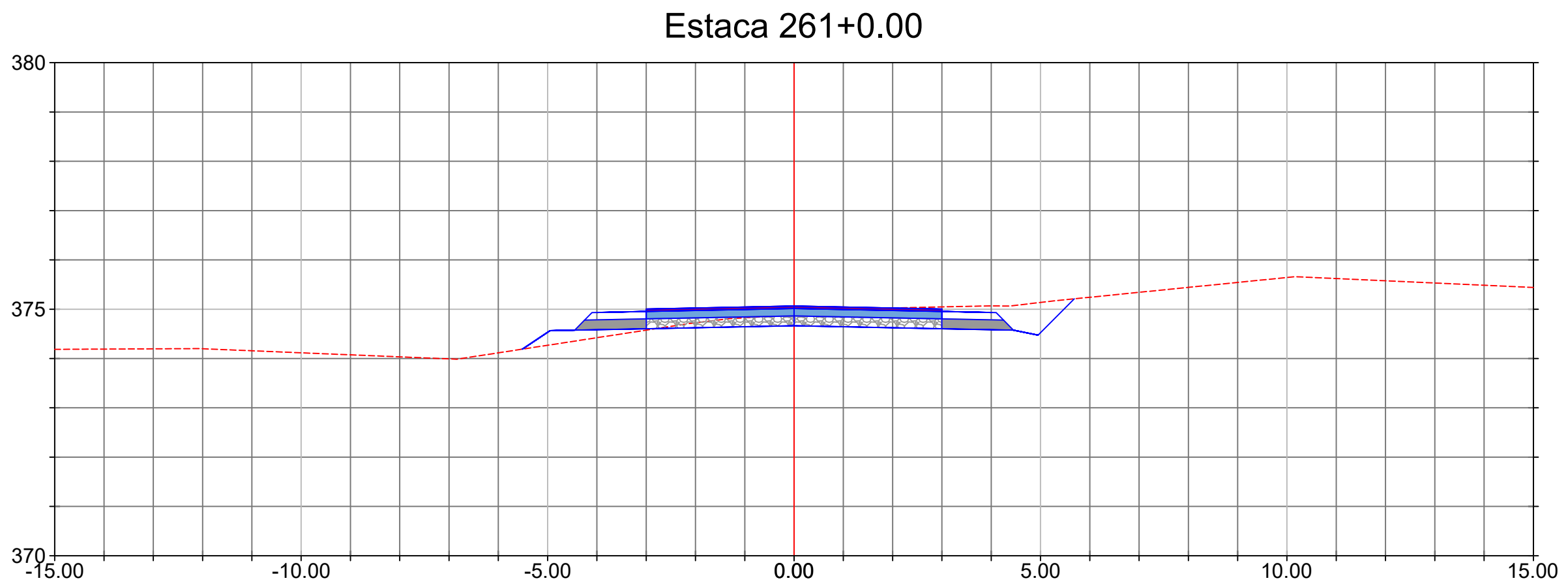
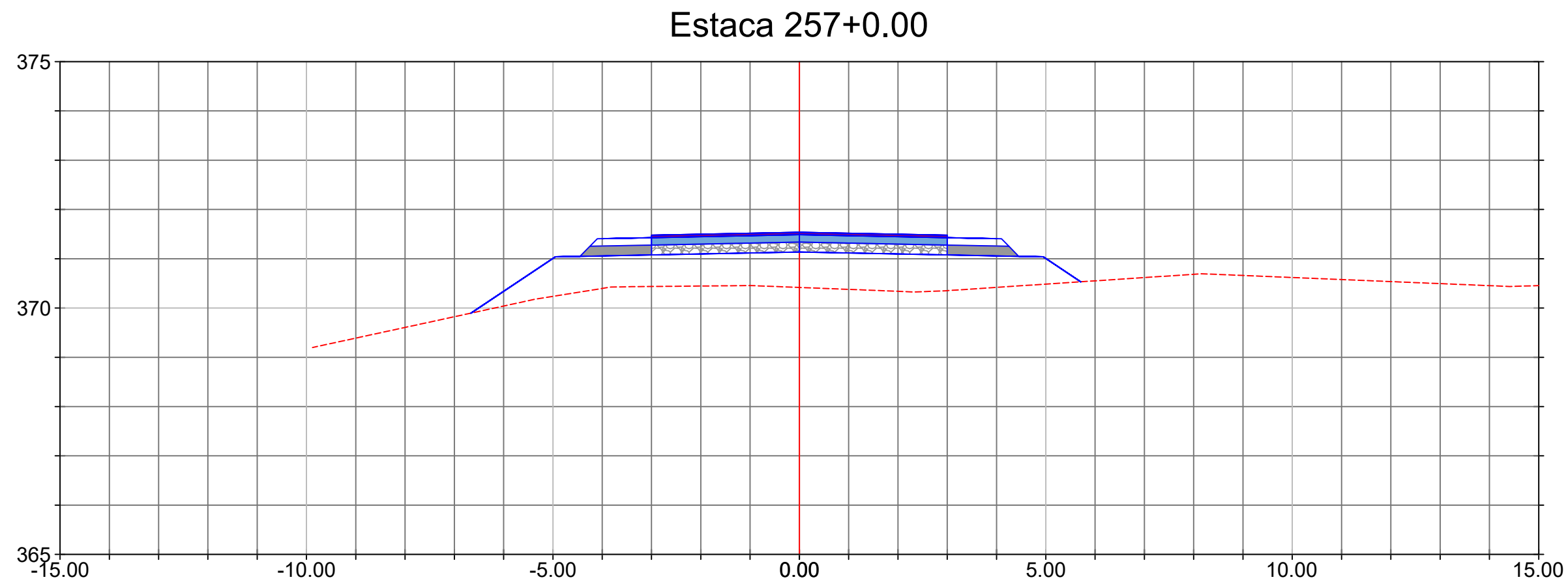
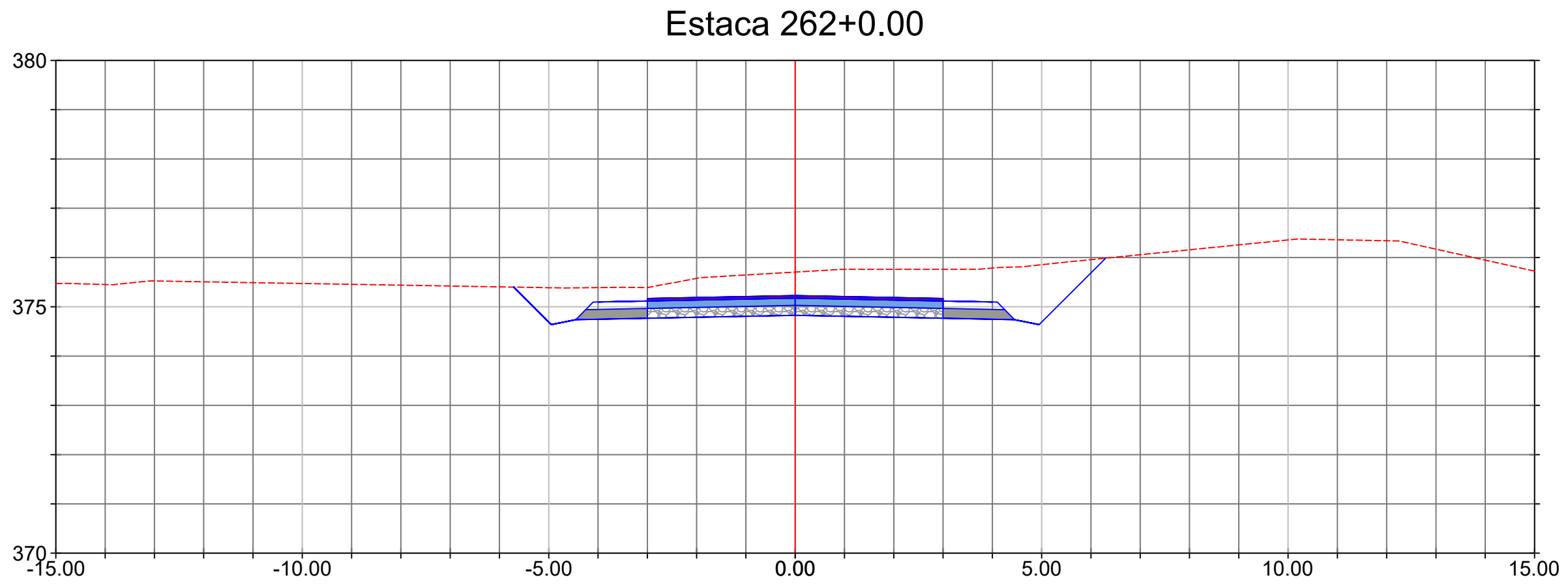
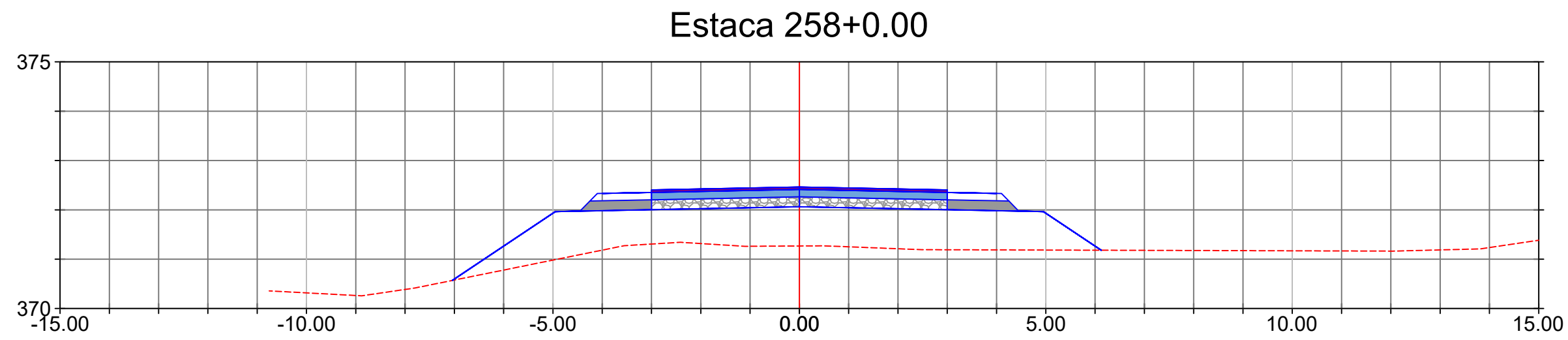
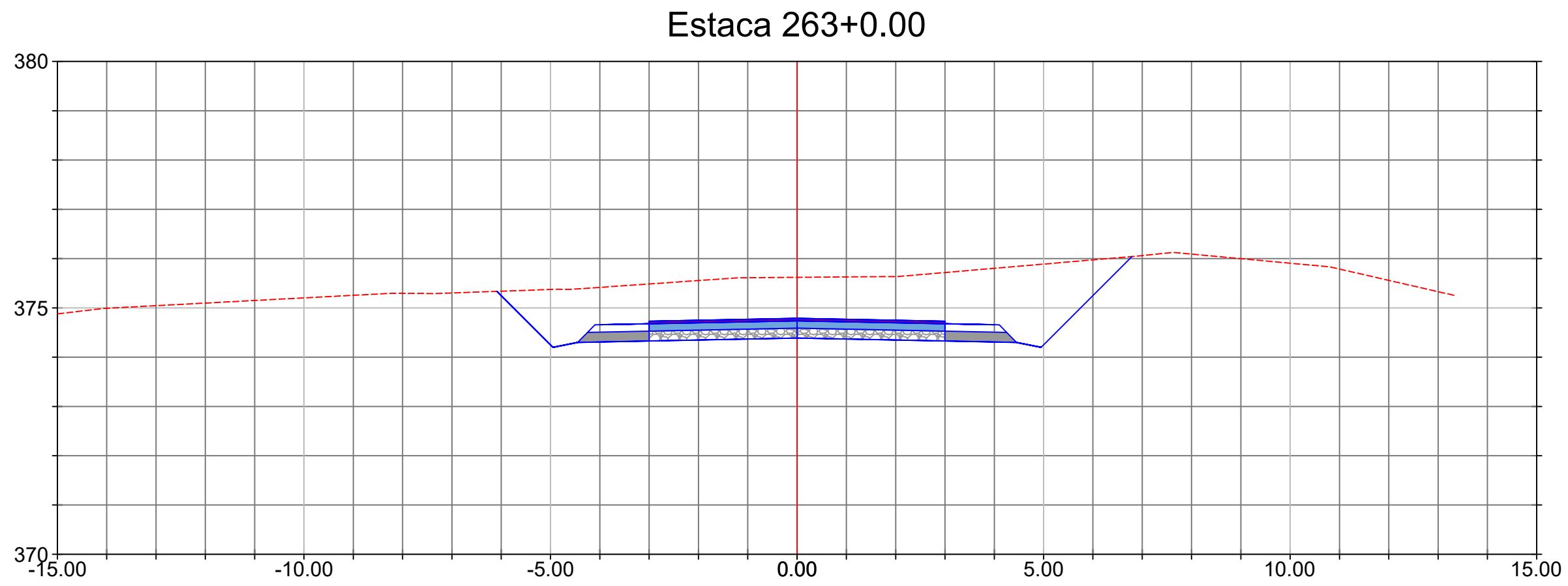
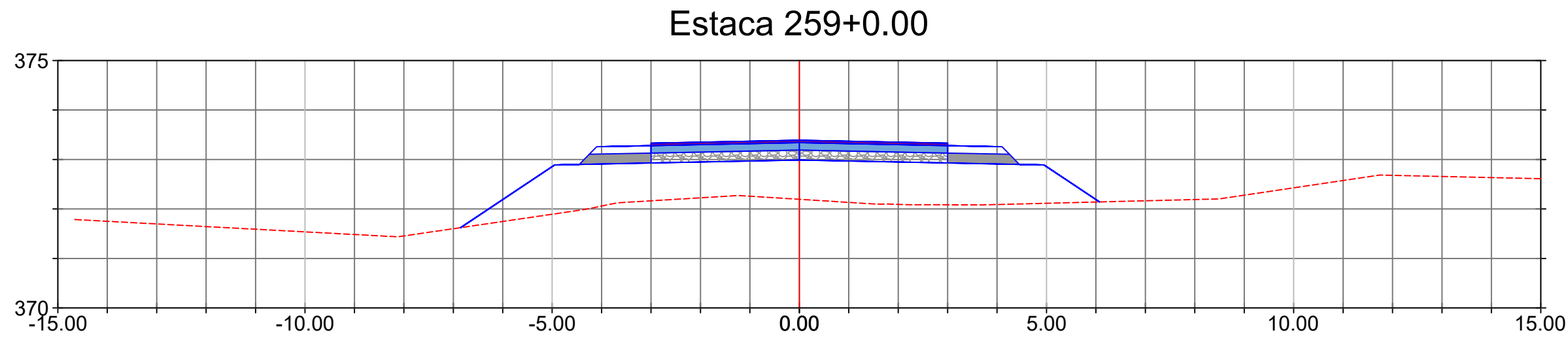


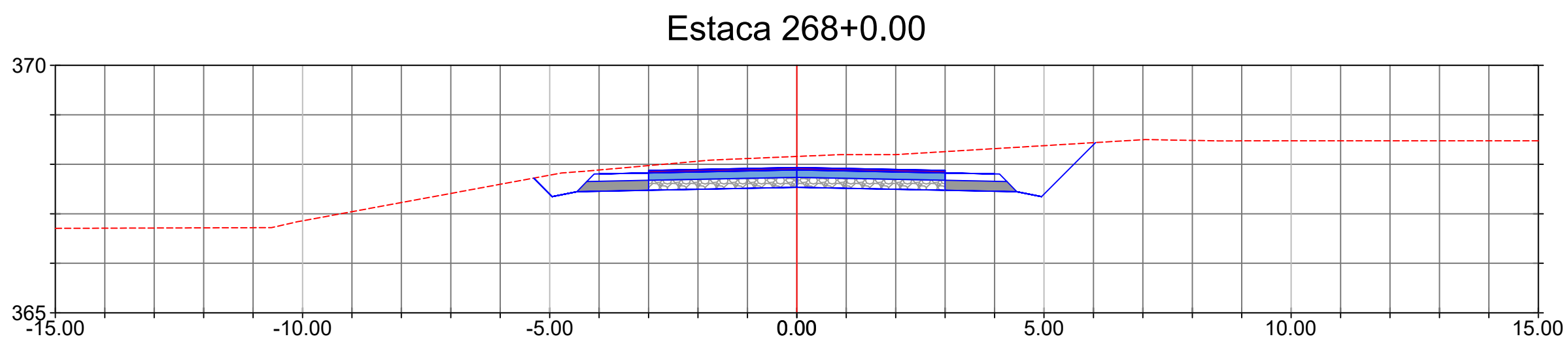
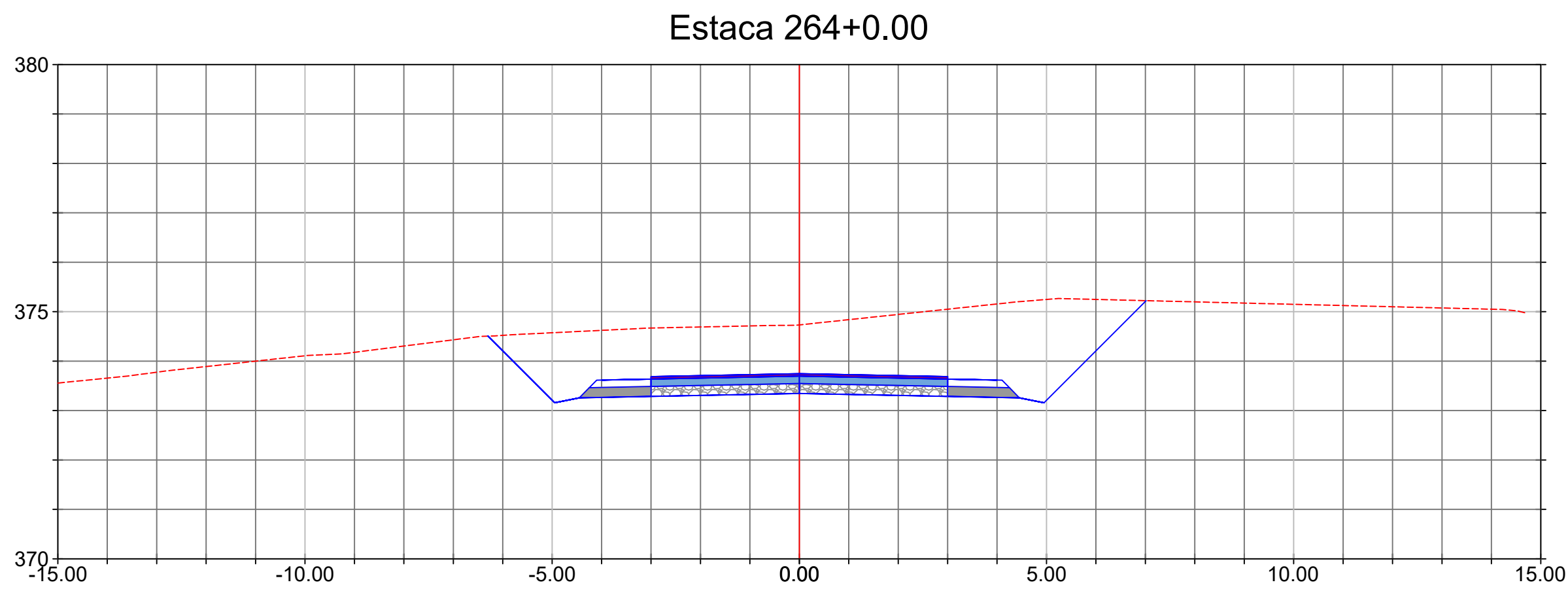
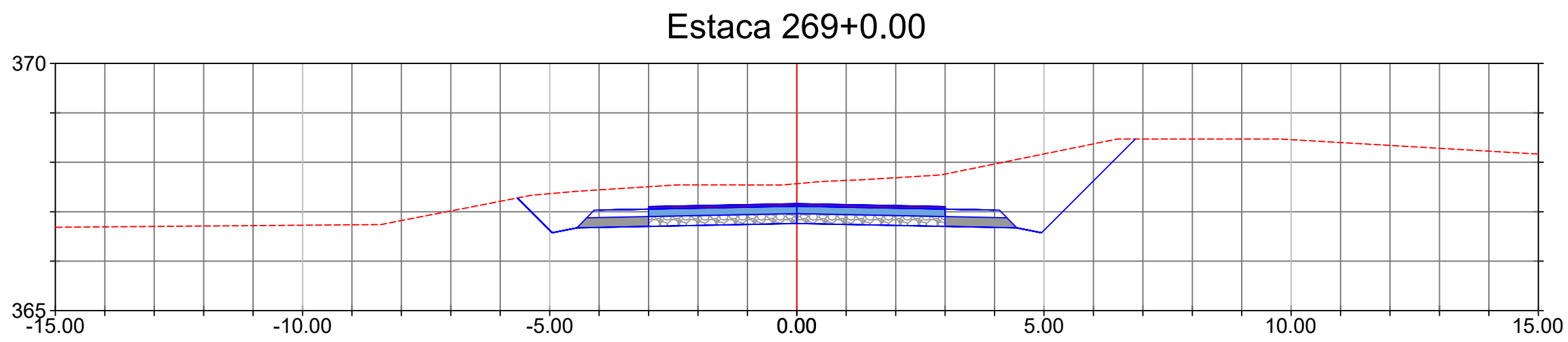
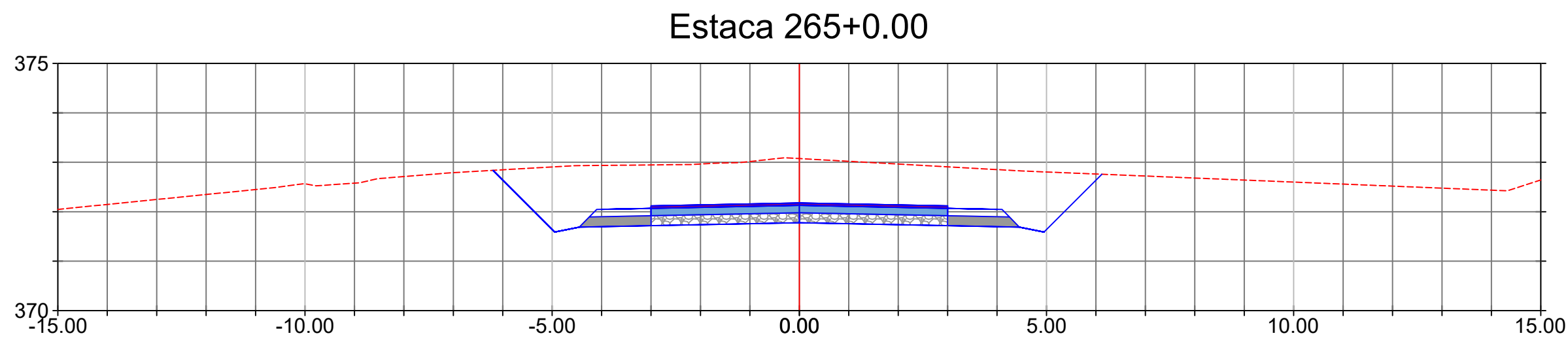
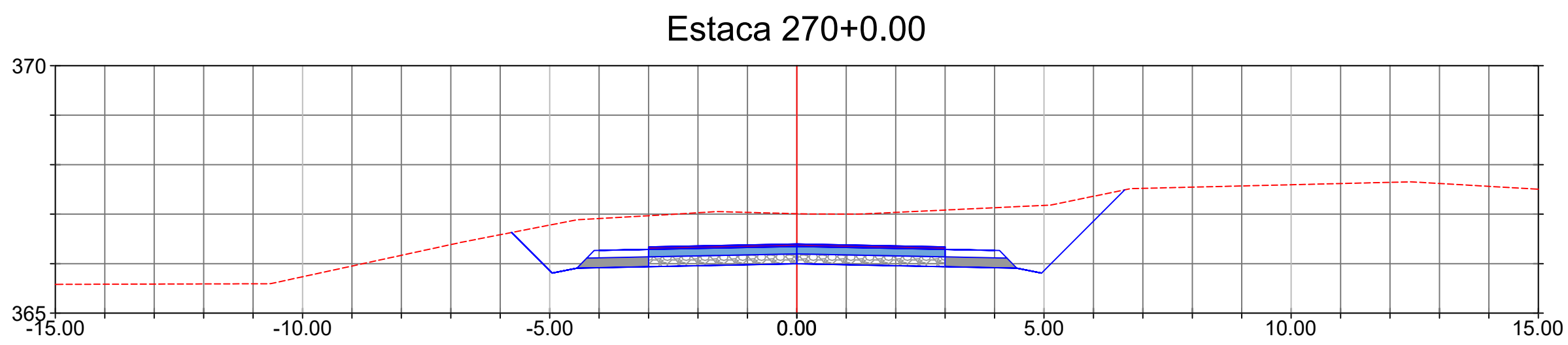
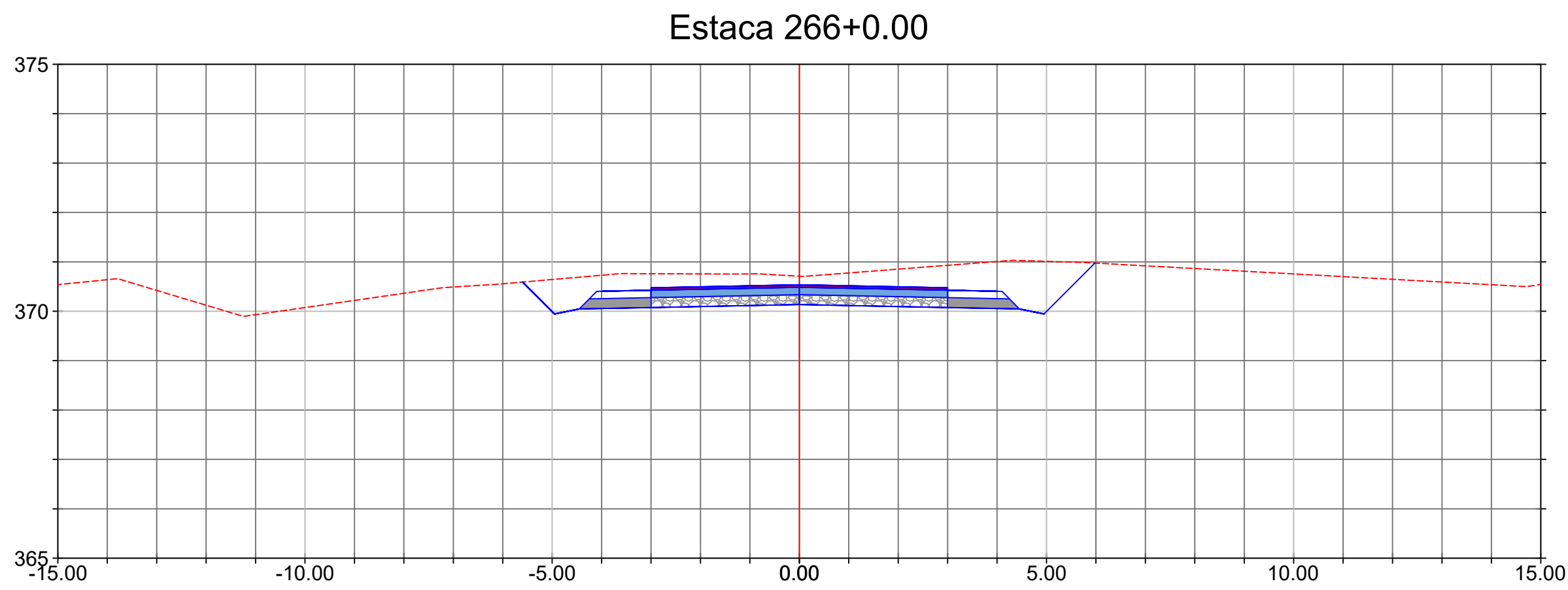
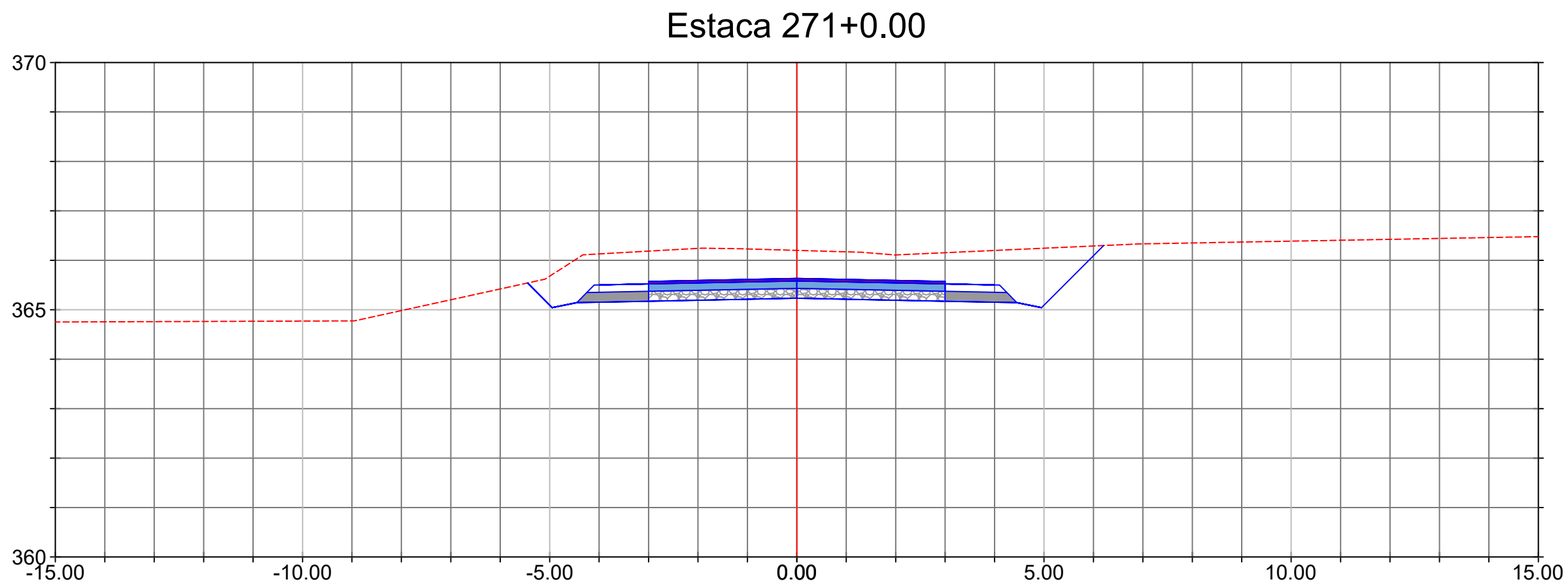
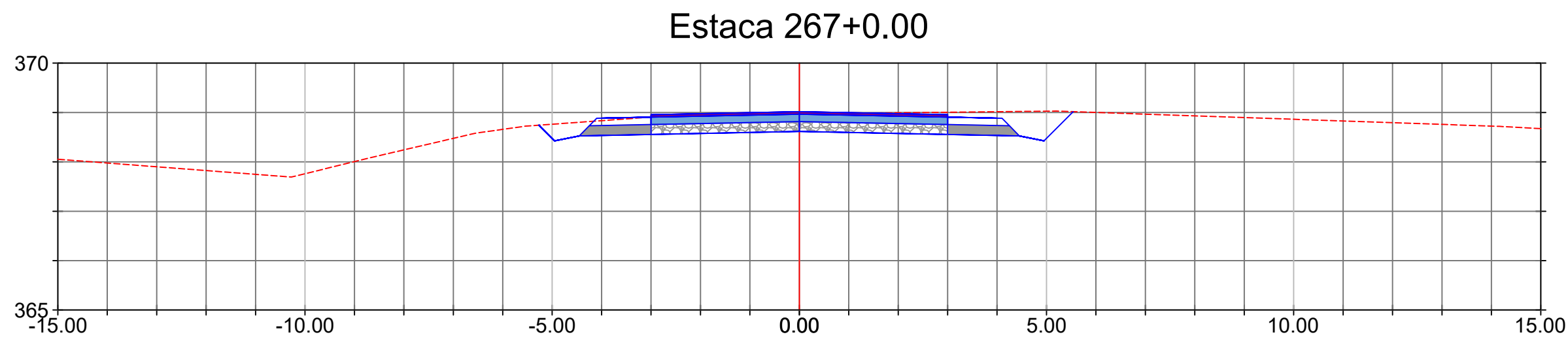


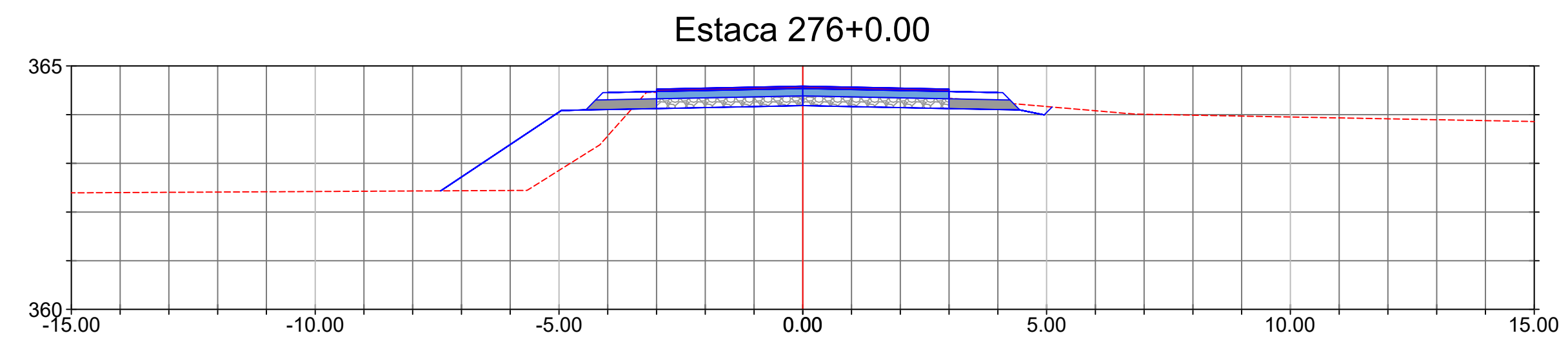
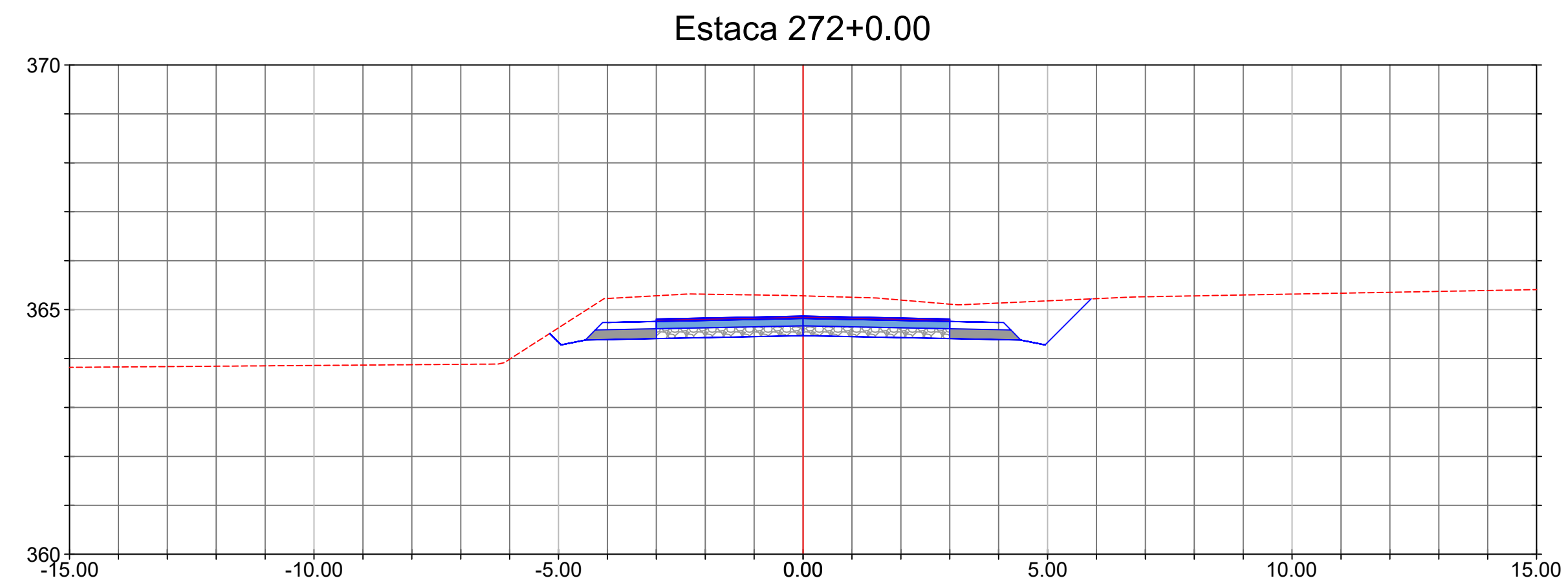
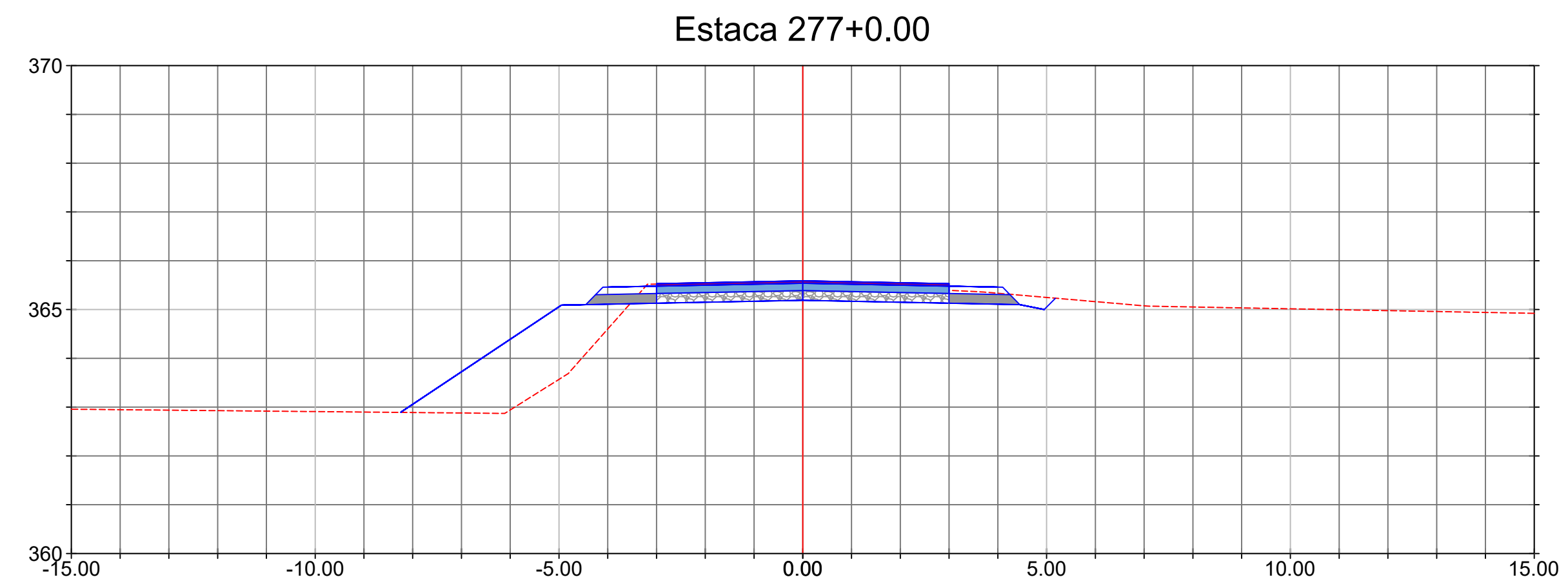
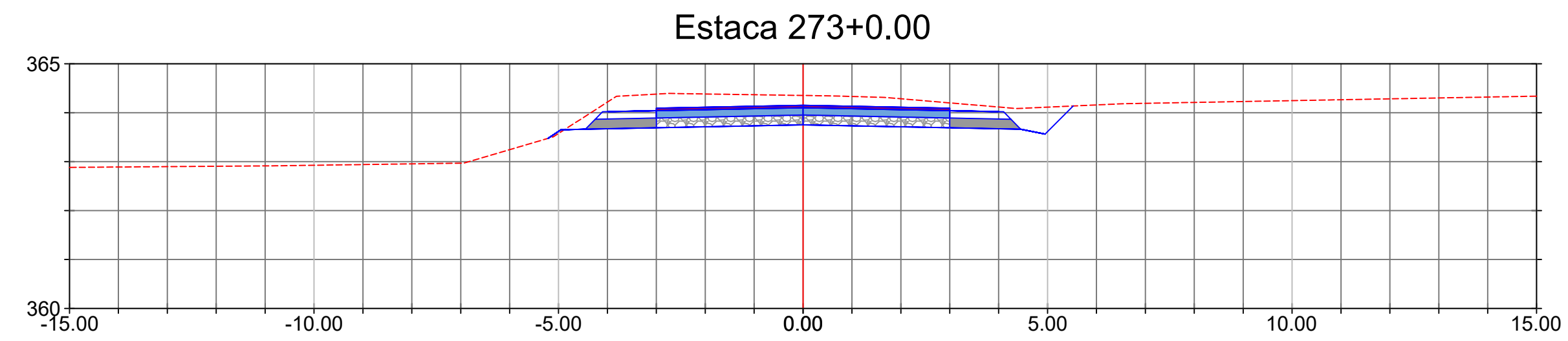
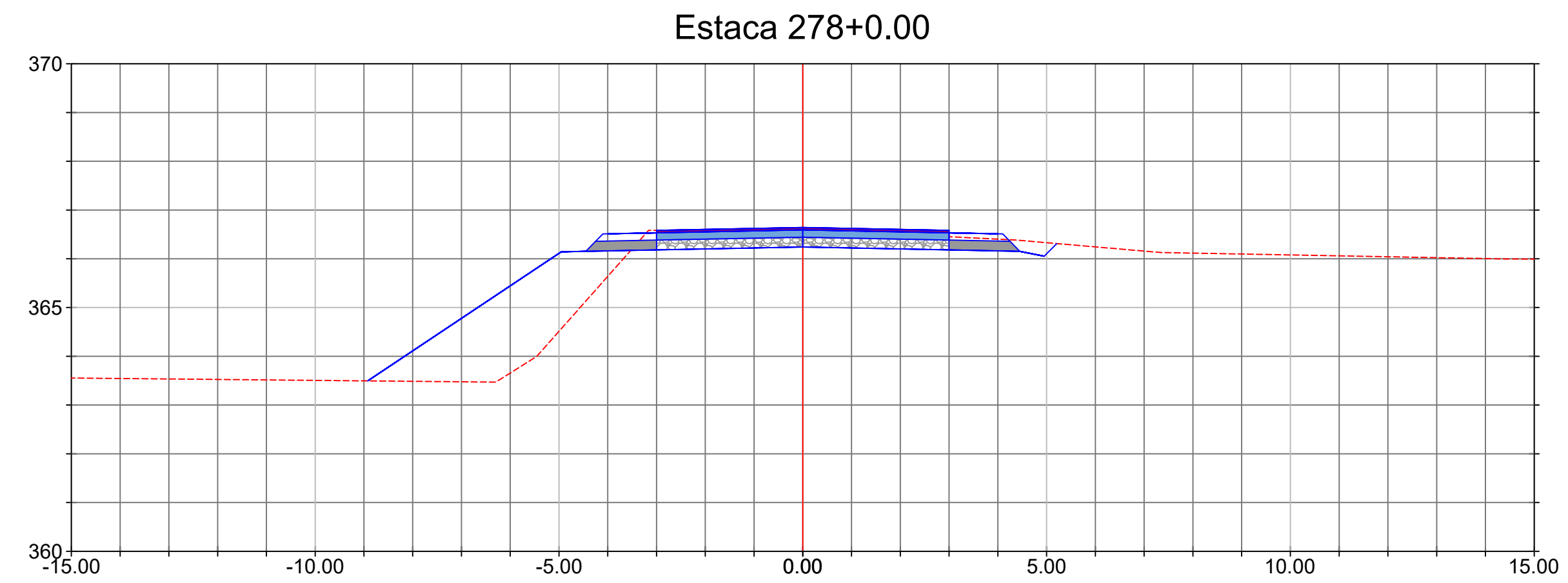
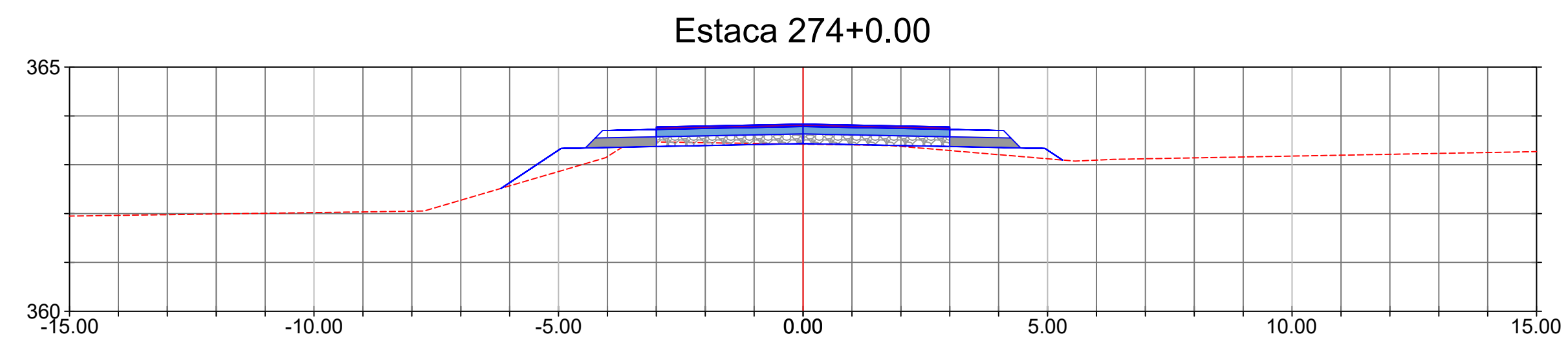
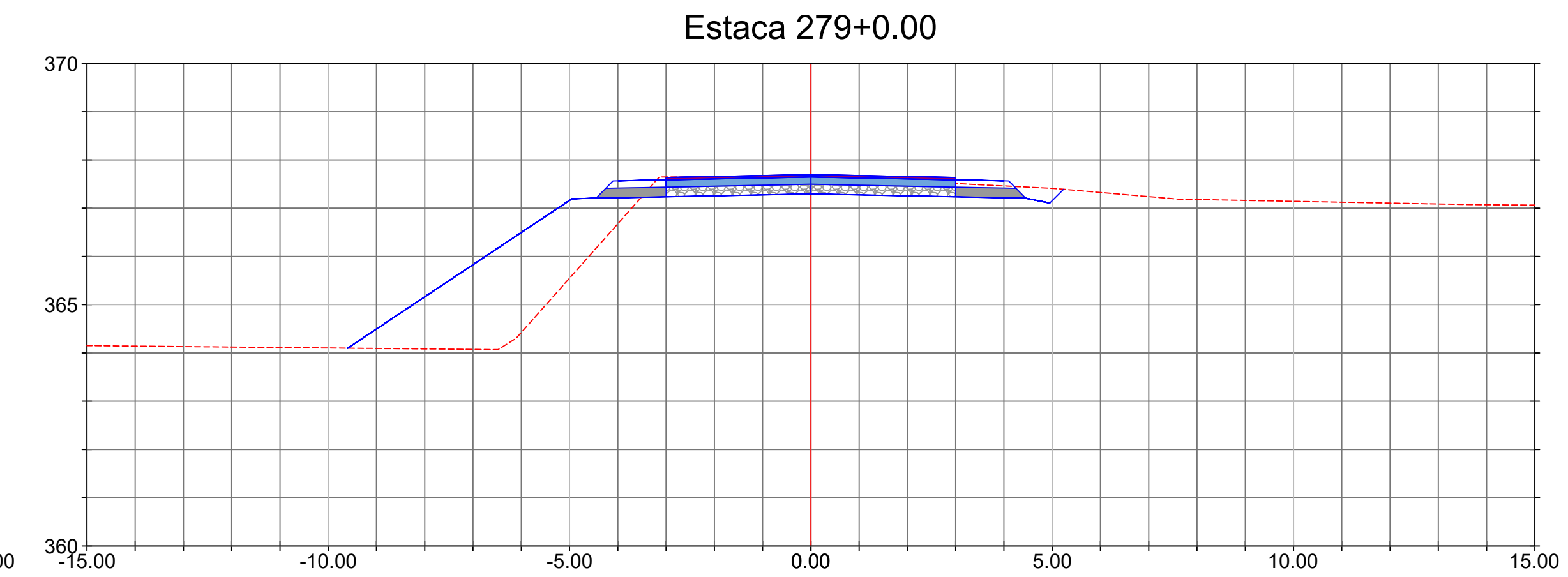
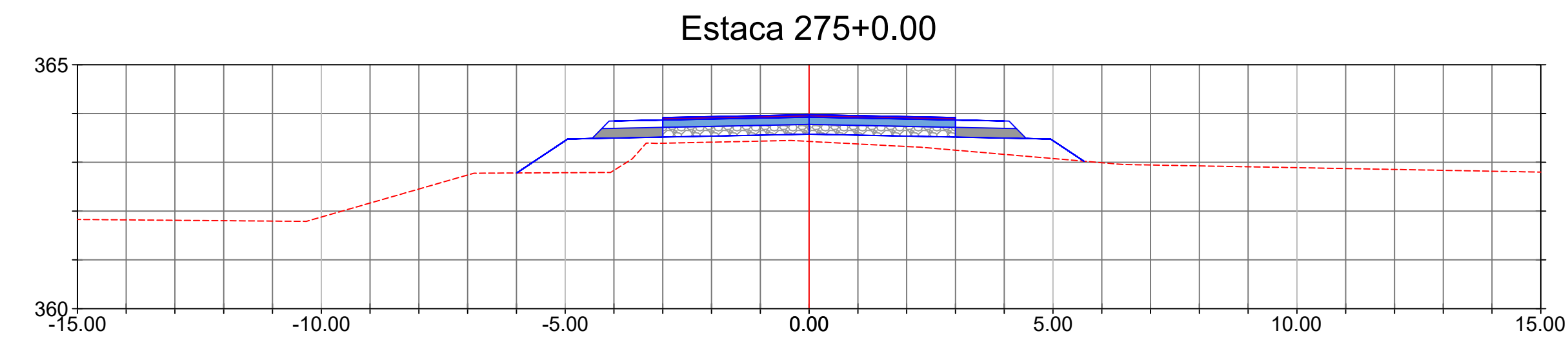


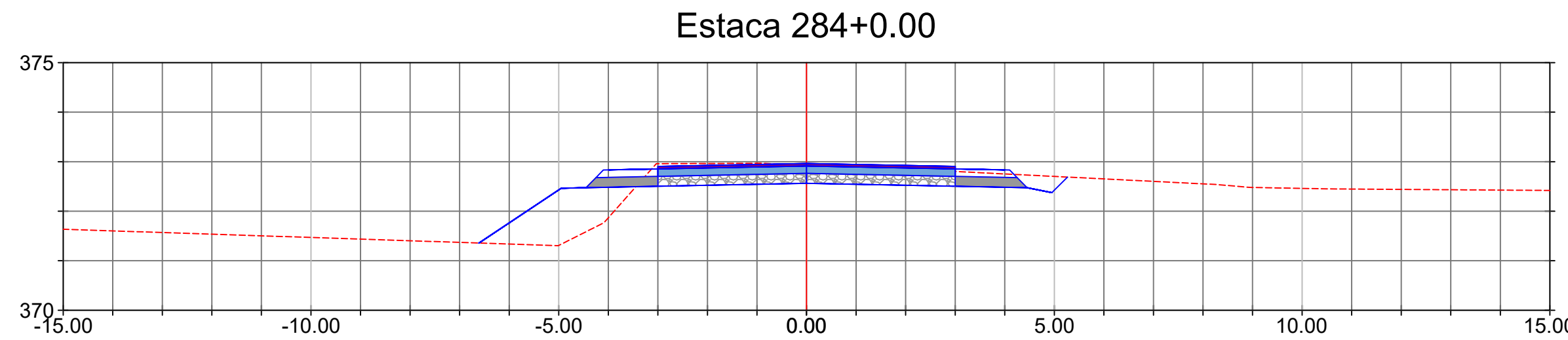
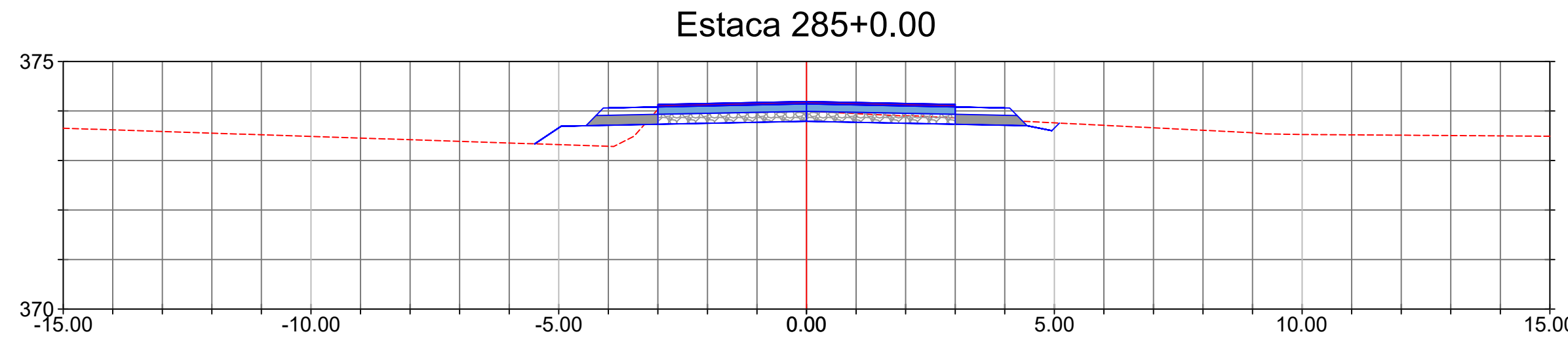
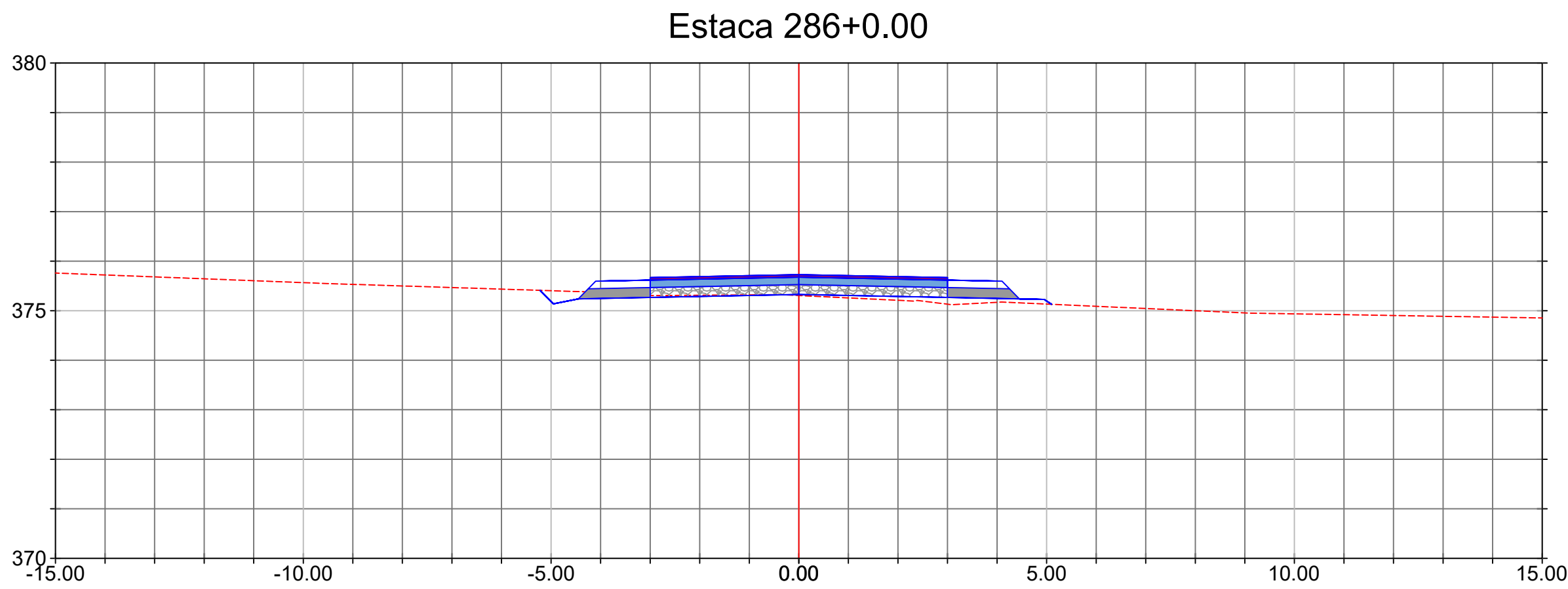
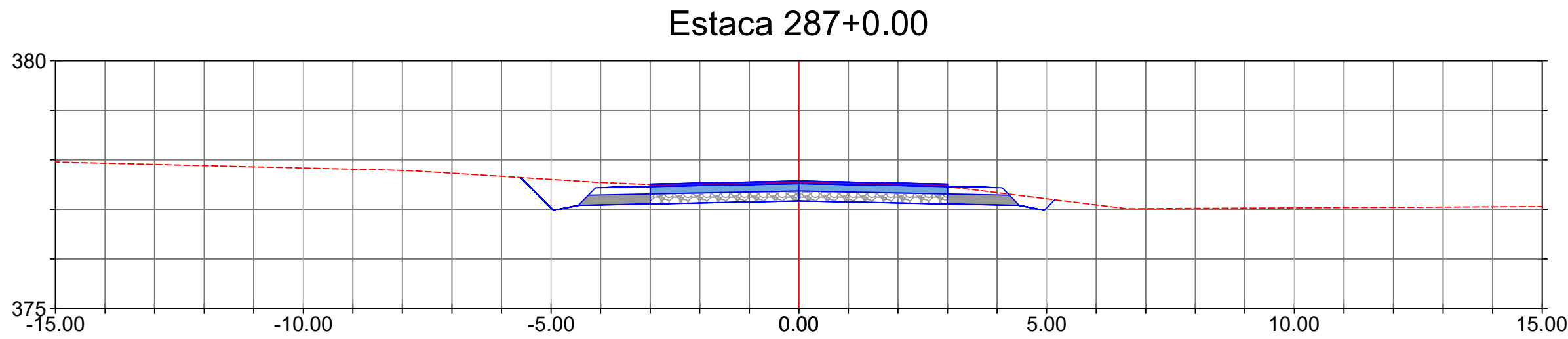
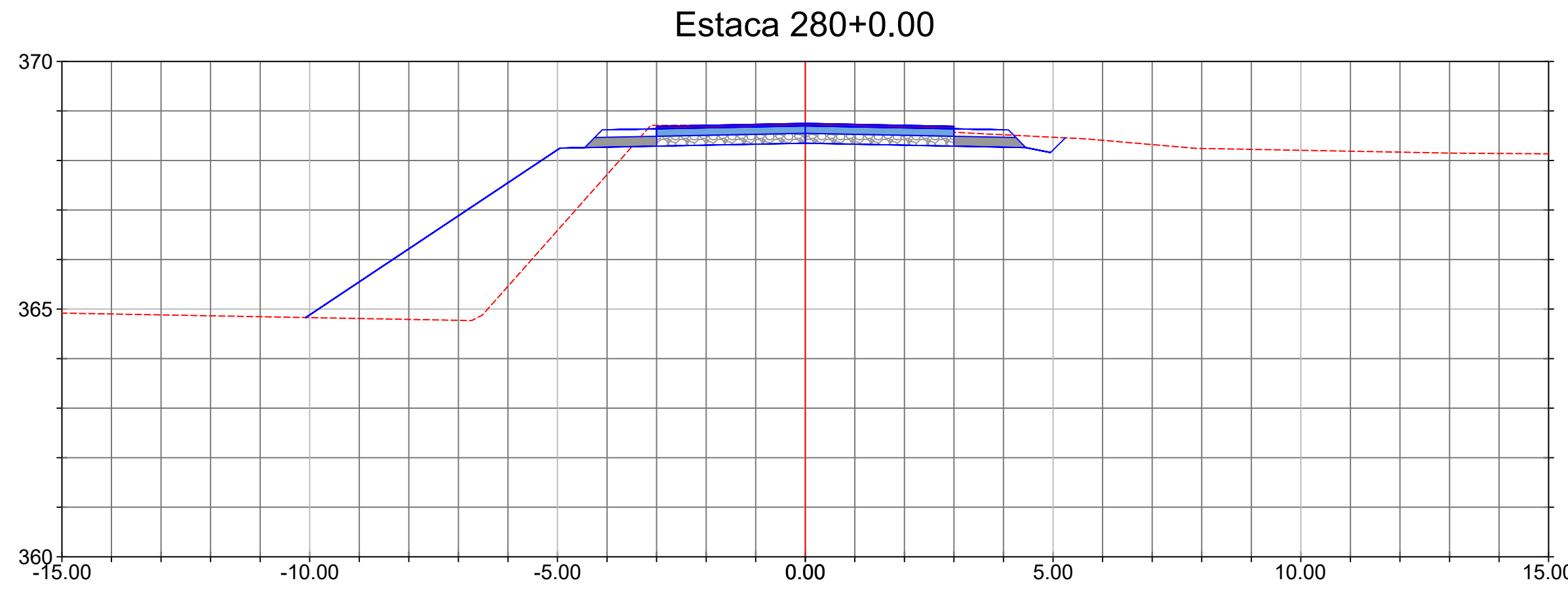
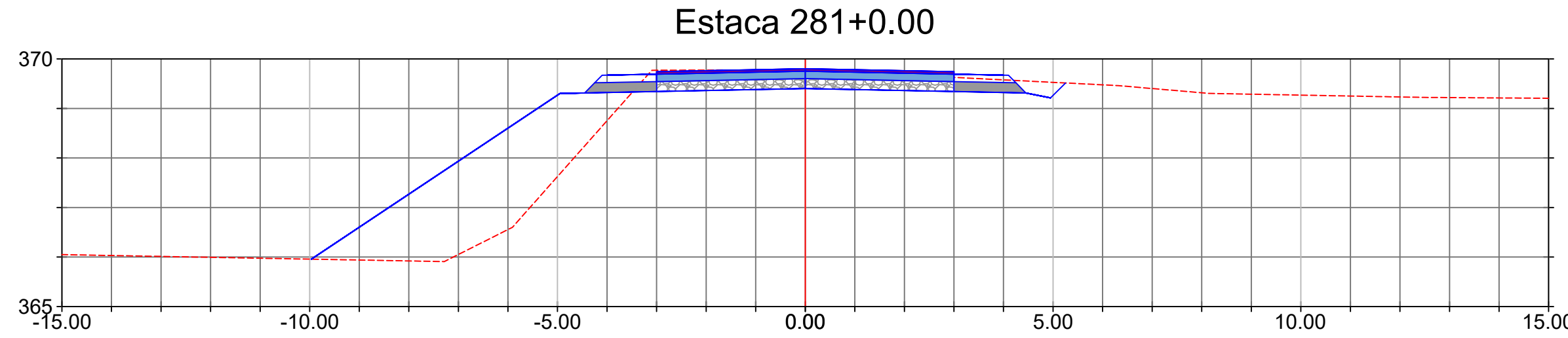
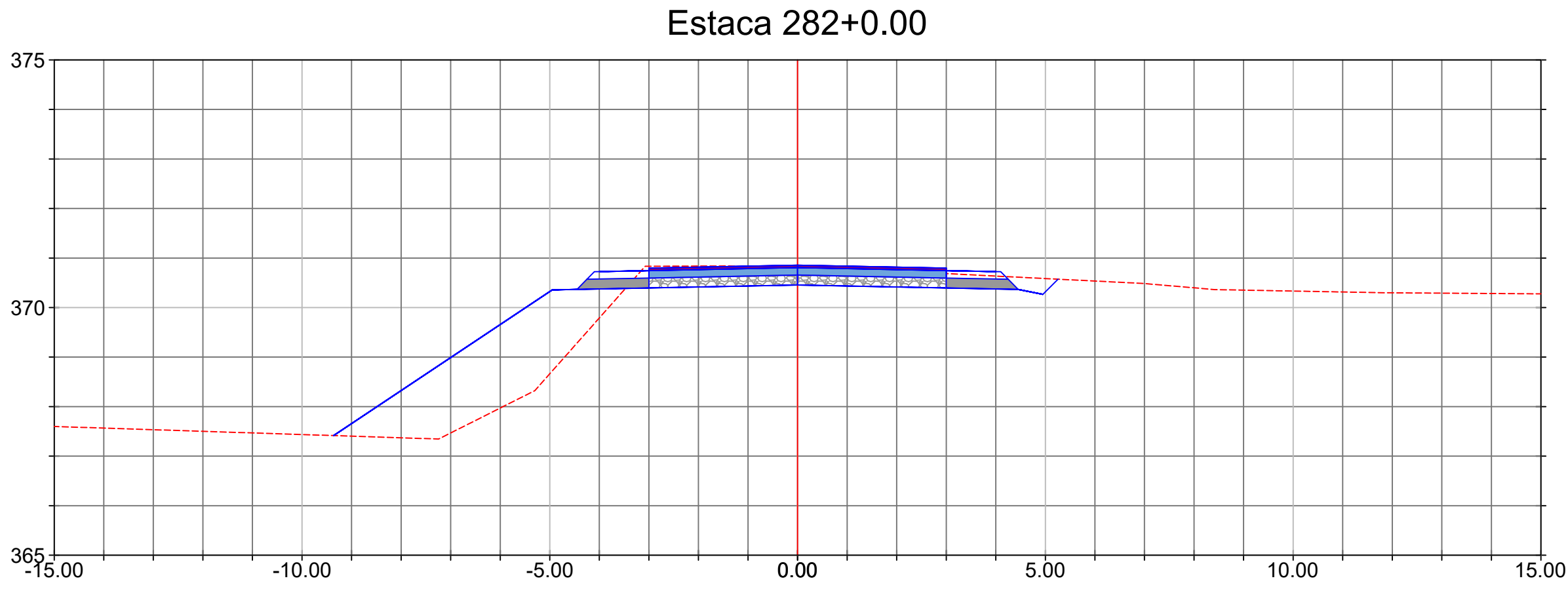
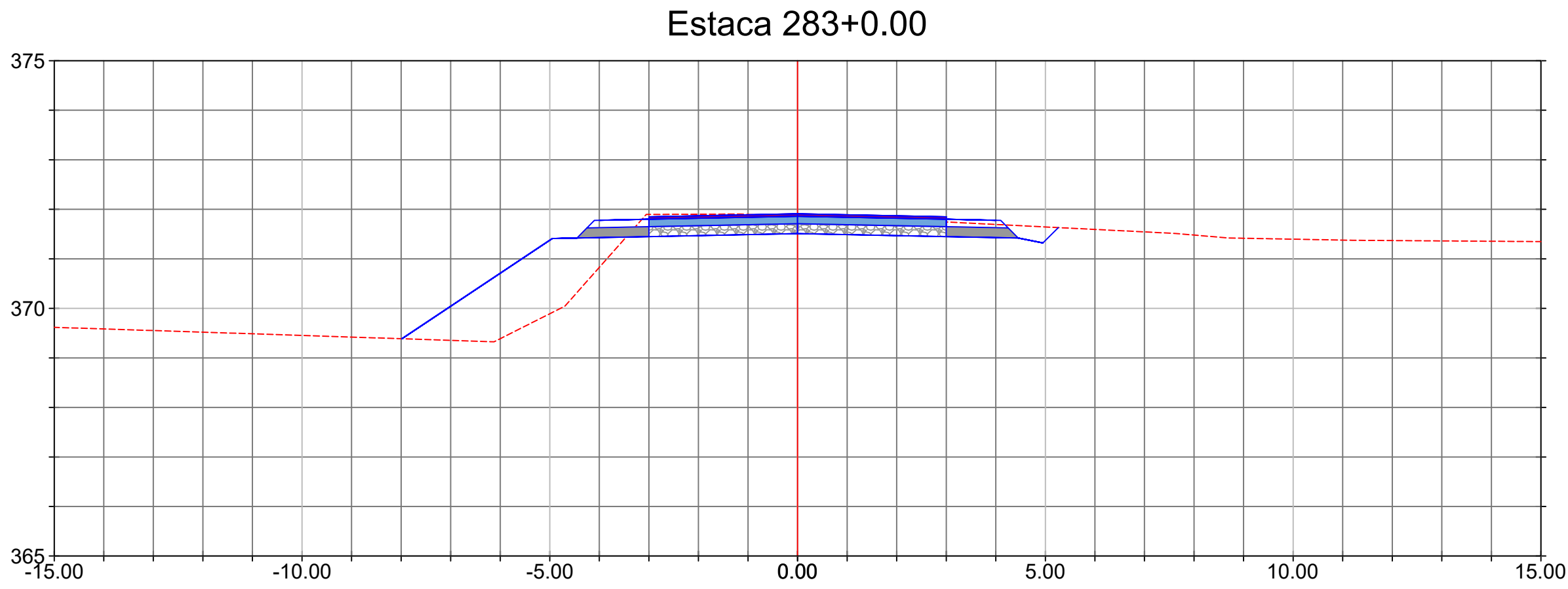


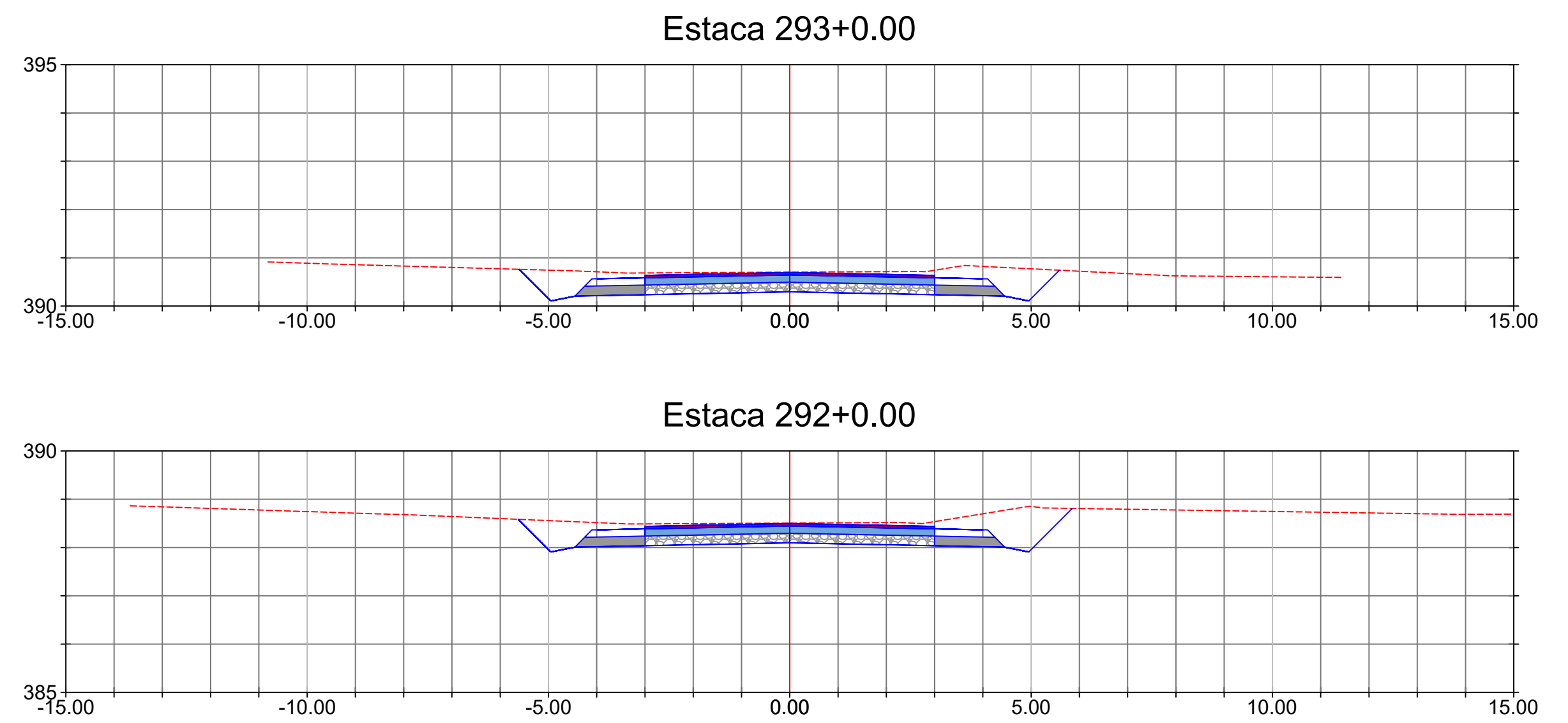
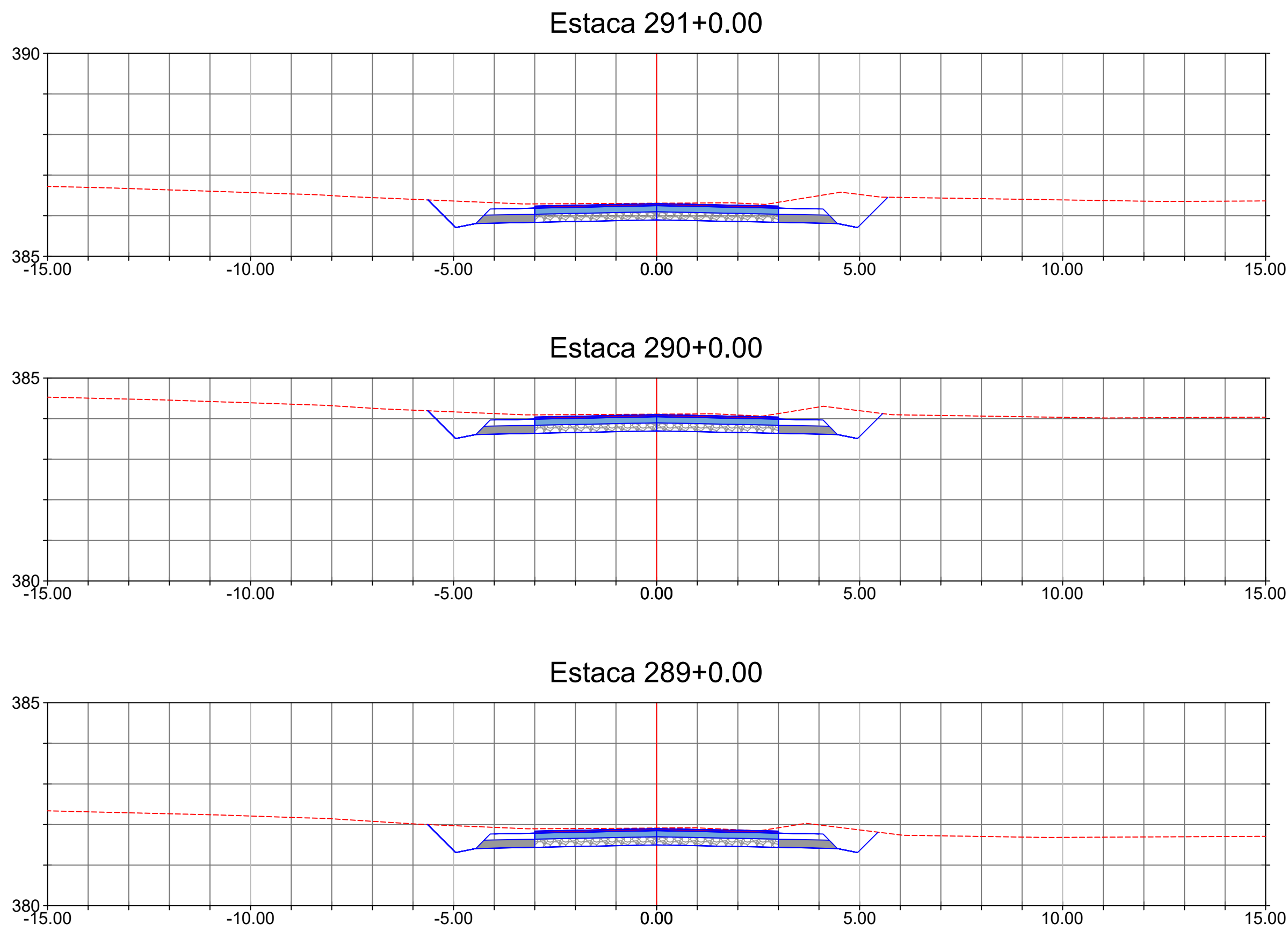












| VOLUME TOTAL |                    |                     |                      |                       |                   |                   |                     |
|--------------|--------------------|---------------------|----------------------|-----------------------|-------------------|-------------------|---------------------|
| Estaca       | Área de Corte (m²) | Área de Aterro (m²) | Volume de Corte (m3) | Volume de Aterro (m3) | Volum. Corte (m3) | Volum Aterro (m3) | Volume Líquido (m3) |
| 0+0,00       | 0,00               | 0,00                | 0,00                 | 0,00                  | 0,00              | 0,00              | 0,00                |
| 1+0,00       | 5,07               | 0,00                | 65,88                | 0,00                  | 65,88             | 0,00              | 65,88               |
| 2+0,00       | 9,41               | 0,00                | 188,21               | 0,00                  | 254,09            | 0,00              | 254,09              |
| 3+0,00       | 7,39               | 0,00                | 218,41               | 0,00                  | 472,50            | 0,00              | 472,50              |
| 4+0,00       | 4,55               | 0,00                | 155,26               | 0,00                  | 627,76            | 0,00              | 627,76              |
| 5+0,00       | 2,33               | 0,09                | 89,43                | 0,88                  | 717,19            | 0,88              | 716,31              |
| 6+0,00       | 0,46               | 0,61                | 36,23                | 6,99                  | 753,42            | 7,87              | 745,55              |
| 7+0,00       | 0,00               | 2,73                | 5,98                 | 33,37                 | 759,40            | 41,24             | 716,16              |
| 8+0,00       | 0,00               | 5,41                | 0,00                 | 81,40                 | 759,40            | 122,65            | 636,76              |
| 9+0,00       | 0,00               | 6,16                | 0,00                 | 115,71                | 759,40            | 238,36            | 521,04              |
| 10+0,00      | 0,00               | 5,68                | 0,00                 | 118,34                | 759,40            | 356,70            | 402,70              |
| 11+0,00      | 0,00               | 5,28                | 0,00                 | 109,59                | 759,40            | 466,29            | 293,11              |
| 12+0,00      | 0,00               | 4,60                | 0,00                 | 98,87                 | 759,40            | 565,16            | 194,24              |
| 13+0,00      | 0,00               | 2,60                | 0,00                 | 72,07                 | 759,40            | 637,23            | 122,17              |
| 14+0,00      | 0,03               | 1,64                | 0,38                 | 42,38                 | 759,78            | 679,61            | 80,17               |
| 15+0,00      | 0,67               | 0,28                | 9,07                 | 19,20                 | 768,86            | 698,81            | 70,05               |
| 16+0,00      | 3,01               | 0,00                | 47,77                | 2,84                  | 816,63            | 701,65            | 114,98              |
| 17+0,00      | 4,25               | 0,00                | 94,29                | 0,00                  | 910,91            | 701,65            | 209,26              |
| 18+0,00      | 3,60               | 0,00                | 101,99               | 0,00                  | 1012,91           | 701,65            | 311,26              |
| 19+0,00      | 3,55               | 0,00                | 92,98                | 0,00                  | 1105,89           | 701,65            | 404,24              |
| 20+0,00      | 4,17               | 0,00                | 100,35               | 0,00                  | 1206,24           | 701,65            | 504,59              |
| 21+0,00      | 5,45               | 0,00                | 125,04               | 0,00                  | 1331,28           | 701,65            | 629,63              |
| 22+0,00      | 7,22               | 0,00                | 164,73               | 0,00                  | 1496,01           | 701,65            | 794,36              |
| 23+0,00      | 9,31               | 0,00                | 214,89               | 0,00                  | 1710,90           | 701,65            | 1009,25             |
| 24+0,00      | 9,01               | 0,00                | 238,10               | 0,00                  | 1949,00           | 701,65            | 1247,35             |
| 25+0,00      | 7,58               | 0,00                | 215,65               | 0,00                  | 2164,65           | 701,65            | 1463,00             |
| 26+0,00      | 6,38               | 0,00                | 181,59               | 0,00                  | 2346,24           | 701,65            | 1644,59             |
| 27+0,00      | 5,26               | 0,00                | 151,34               | 0,00                  | 2497,57           | 701,65            | 1795,92             |
| 28+0,00      | 4,28               | 0,00                | 123,91               | 0,00                  | 2621,49           | 701,65            | 1919,84             |
| 29+0,00      | 4,73               | 0,00                | 117,14               | 0,00                  | 2738,62           | 701,65            | 2036,97             |
| 30+0,00      | 7,09               | 0,00                | 153,69               | 0,00                  | 2892,32           | 701,65            | 2190,67             |
| 31+0,00      | 8,02               | 0,00                | 196,39               | 0,00                  | 3088,70           | 701,65            | 2387,05             |
| 32+0,00      | 7,12               | 0,00                | 196,76               | 0,00                  | 3285,46           | 701,65            | 2583,81             |
| 33+0,00      | 8,05               | 0,00                | 197,22               | 0,00                  | 3482,68           | 701,65            | 2781,03             |
| 34+0,00      | 8,72               | 0,00                | 217,86               | 0,00                  | 3700,56           | 701,65            | 2998,91             |
| 35+0,00      | 4,20               | 0,00                | 168,04               | 0,00                  | 3868,60           | 701,65            | 3166,95             |
| 36+0,00      | 1,65               | 0,00                | 76,20                | 0,00                  | 3944,80           | 701,65            | 3243,15             |
| 37+0,00      | 0,00               | 1,55                | 21,42                | 15,68                 | 3966,21           | 717,33            | 3248,88             |
| 38+0,00      | 0,99               | 2,88                | 12,78                | 44,63                 | 3978,99           | 761,96            | 3217,03             |
| 39+0,00      | 1,97               | 5,27                | 38,46                | 81,44                 | 4017,45           | 843,41            | 3174,05             |
| 40+0,00      | 2,06               | 6,86                | 52,43                | 121,22                | 4069,88           | 964,62            | 3105,26             |
| 41+0,00      | 2,15               | 7,63                | 54,74                | 144,90                | 4124,62           | 1109,52           | 3015,11             |
| 42+0,00      | 2,23               | 8,55                | 56,92                | 161,80                | 4181,54           | 1271,32           | 2910,23             |
| 43+0,00      | 2,31               | 7,16                | 58,97                | 157,02                | 4240,51           | 1428,34           | 2812,17             |
| 44+0,00      | 2,38               | 5,36                | 60,89                | 125,14                | 4301,40           | 1553,47           | 2747,92             |
| 45+0,00      | 2,78               | 3,71                | 67,01                | 90,64                 | 4368,41           | 1644,11           | 2724,30             |
| 46+0,00      | 2,39               | 1,30                | 67,15                | 50,02                 | 4435,55           | 1694,13           | 2741,43             |
| 47+0,00      | 2,71               | 0,02                | 66,26                | 13,16                 | 4501,82           | 1707,29           | 2794,53             |
| 48+0,00      | 3,00               | 0,20                | 73,92                | 2,22                  | 4575,73           | 1709,51           | 2866,22             |
| 49+0,00      | 1,31               | 0,66                | 55,81                | 8,71                  | 4631,54           | 1718,22           | 2913,32             |

| VOLUME TOTAL |                    |                     |                      |                       |                         |                         |                     |
|--------------|--------------------|---------------------|----------------------|-----------------------|-------------------------|-------------------------|---------------------|
| Estaca       | Área de Corte (m²) | Área de Aterro (m²) | Volume de Corte (m3) | Volume de Aterro (m3) | Volum. Corte Acum. (m3) | Volum Aterro Acum. (m3) | Volume Líquido (m3) |
| 50+0,00      | 1,61               | 0,31                | 37,84                | 9,87                  | 4669,38                 | 1728,09                 | 2941,29             |
| 51+0,00      | 2,37               | 0,01                | 51,59                | 3,28                  | 4720,97                 | 1731,37                 | 2989,60             |
| 52+0,00      | 1,43               | 0,05                | 49,26                | 0,64                  | 4770,23                 | 1732,00                 | 3038,22             |
| 53+0,00      | 0,75               | 0,19                | 28,26                | 2,47                  | 4798,48                 | 1734,48                 | 3064,01             |
| 54+0,00      | 0,95               | 0,67                | 22,04                | 8,78                  | 4820,52                 | 1743,24                 | 3077,28             |
| 55+0,00      | 1,37               | 0,28                | 30,12                | 9,68                  | 4850,64                 | 1752,91                 | 3097,72             |
| 56+0,00      | 1,54               | 0,09                | 37,70                | 3,77                  | 4889,34                 | 1756,68                 | 3131,66             |
| 57+0,00      | 1,91               | 0,00                | 44,71                | 0,91                  | 4933,05                 | 1757,59                 | 3175,46             |
| 58+0,00      | 2,61               | 0,00                | 58,64                | 0,00                  | 4991,69                 | 1757,59                 | 3234,10             |
| 59+0,00      | 2,73               | 0,00                | 69,32                | 0,00                  | 5061,00                 | 1757,59                 | 3303,42             |
| 60+0,00      | 3,80               | 0,00                | 84,85                | 0,00                  | 5145,85                 | 1757,59                 | 3388,26             |
| 61+0,00      | 3,88               | 0,00                | 99,77                | 0,00                  | 5245,62                 | 1757,59                 | 3488,03             |
| 62+0,00      | 3,05               | 0,00                | 89,92                | 0,01                  | 5335,54                 | 1757,60                 | 3577,94             |
| 63+0,00      | 2,86               | 0,00                | 76,69                | 0,05                  | 5412,23                 | 1757,66                 | 3654,57             |
| 64+0,00      | 2,76               | 0,00                | 72,99                | 0,04                  | 5485,22                 | 1757,70                 | 3727,52             |
| 65+0,00      | 2,65               | 0,00                | 70,30                | 0,00                  | 5555,52                 | 1757,70                 | 3797,82             |
| 66+0,00      | 4,63               | 0,00                | 94,65                | 0,00                  | 5650,17                 | 1757,70                 | 3892,47             |
| 67+0,00      | 2,86               | 0,00                | 97,42                | 0,00                  | 5747,59                 | 1757,70                 | 3989,89             |
| 68+0,00      | 3,40               | 0,00                | 81,42                | 0,00                  | 5829,01                 | 1757,70                 | 4071,31             |
| 69+0,00      | 2,87               | 0,00                | 81,47                | 0,00                  | 5910,48                 | 1757,70                 | 4152,78             |
| 70+0,00      | 3,56               | 0,00                | 83,57                | 0,00                  | 5994,05                 | 1757,70                 | 4236,35             |
| 71+0,00      | 5,22               | 0,00                | 114,20               | 0,00                  | 6108,24                 | 1757,70                 | 4350,55             |
| 72+0,00      | 7,44               | 0,00                | 164,60               | 0,00                  | 6272,84                 | 1757,70                 | 4515,14             |
| 73+0,00      | 9,59               | 0,00                | 221,42               | 0,00                  | 6494,27                 | 1757,70                 | 4736,57             |
| 74+0,00      | 10,15              | 0,00                | 256,66               | 0,00                  | 6750,93                 | 1757,70                 | 4993,23             |
| 75+0,00      | 11,52              | 0,00                | 281,70               | 0,00                  | 7032,63                 | 1757,70                 | 5274,93             |
| 76+0,00      | 12,37              | 0,00                | 310,64               | 0,00                  | 7343,27                 | 1757,70                 | 5585,57             |
| 77+0,00      | 7,93               | 0,11                | 263,90               | 1,15                  | 7607,17                 | 1758,85                 | 5848,32             |
| 78+0,00      | 7,82               | 0,00                | 204,75               | 1,19                  | 7811,92                 | 1760,03                 | 6051,89             |
| 79+0,00      | 12,38              | 0,00                | 262,61               | 0,04                  | 8074,53                 | 1760,07                 | 6314,46             |
| 80+0,00      | 6,79               | 0,00                | 249,19               | 0,00                  | 8323,72                 | 1760,07                 | 6563,65             |
| 81+0,00      | 0,00               | 5,13                | 86,51                | 51,23                 | 8412,23                 | 1811,30                 | 6600,94             |
| 82+0,00      | 0,00               | 7,16                | 0,00                 | 122,57                | 8412,23                 | 1933,87                 | 6478,36             |
| 83+0,00      | 0,00               | 6,48                | 0,00                 | 135,38                | 8412,23                 | 2069,25                 | 6342,98             |
| 84+0,00      | 8,16               | 1,55                | 107,94               | 79,48                 | 8519,27                 | 2148,74                 | 6370,54             |
| 85+0,00      | 15,31              | 0,00                | 304,56               | 15,44                 | 8823,84                 | 2164,17                 | 6659,66             |
| 86+0,00      | 17,09              | 0,00                | 419,37               | 0,00                  | 9243,21                 | 2164,17                 | 7079,03             |
| 87+0,00      | 10,86              | 0,12                | 360,94               | 1,25                  | 9604,15                 | 2165,42                 | 7438,73             |
| 88+0,00      | 11,82              | 0,00                | 294,31               | 1,25                  | 9898,46                 | 2166,67                 | 7731,79             |
| 89+0,00      | 10,26              | 0,00                | 290,03               | 0,00                  | 10188,49                | 2166,67                 | 8021,82             |
| 90+0,00      | 6,38               | 0,00                | 204,44               | 0,00                  | 10392,93                | 2166,67                 | 8226,26             |
| 91+0,00      | 1,44               | 0,00                | 86,79                | 0,00                  | 10481,72                | 2166,67                 | 8315,05             |
| 92+0,00      | 0,00               | 4,15                | 18,75                | 41,54                 | 10500,47                | 2208,21                 | 8292,26             |
| 93+0,00      | 0,00               | 2,94                | 0,00                 | 70,93                 | 10500,47                | 2279,13                 | 8221,34             |
| 94+0,00      | 2,81               | 0,00                | 36,47                | 29,38                 | 10536,94                | 2308,52                 | 8228,42             |
| 95+0,00      | 4,81               | 0,00                | 98,90                | 0,00                  | 10635,83                | 2308,52                 | 8327,32             |
| 96+0,00      | 3,39               | 0,00                | 106,32               | 0,00                  | 10742,15                | 2308,52                 | 8433,63             |
| 97+0,00      | 1,46               | 0,36                | 62,74                | 3,70                  | 10804,89                | 2312,21                 | 8492,67             |
| 98+0,00      | 0,46               | 1,69                | 24,73                | 22,83                 | 10829,62                | 2335,05                 | 8494,57             |
| 99+0,00      | 0,00               | 2,56                | 5,97                 | 44,55                 | 10835,58                | 2379,60                 | 8455,98             |

| VOLUME TOTAL |                    |                     |                      |                       |                         |                          |                     |
|--------------|--------------------|---------------------|----------------------|-----------------------|-------------------------|--------------------------|---------------------|
| Estaca       | Área de Corte (m²) | Área de Aterro (m²) | Volume de Corte (m3) | Volume de Aterro (m3) | Volum. Corte Acum. (m3) | Volum. Aterro Acum. (m3) | Volume Líquido (m3) |
| 100+0,00     | 0,00               | 3,48                | 0,00                 | 60,41                 | 10835,58                | 2440,01                  | 8395,57             |
| 101+0,00     | 0,00               | 4,58                | 0,00                 | 80,60                 | 10835,58                | 2520,61                  | 8314,97             |
| 102+0,00     | 0,00               | 5,80                | 0,00                 | 103,77                | 10835,58                | 2624,38                  | 8211,20             |
| 103+0,00     | 0,00               | 7,09                | 0,00                 | 128,90                | 10835,58                | 2753,28                  | 8082,30             |
| 104+0,00     | 0,00               | 8,93                | 0,00                 | 160,22                | 10835,58                | 2913,50                  | 7922,08             |
| 105+0,00     | 0,00               | 9,00                | 0,00                 | 179,31                | 10835,58                | 3092,81                  | 7742,77             |
| 106+0,00     | 0,00               | 5,87                | 0,00                 | 148,86                | 10835,58                | 3241,67                  | 7593,92             |
| 107+0,00     | 0,41               | 0,64                | 5,34                 | 65,42                 | 10840,92                | 3307,09                  | 7533,83             |
| 108+0,00     | 4,73               | 0,00                | 66,66                | 6,49                  | 10907,58                | 3313,58                  | 7594,00             |
| 109+0,00     | 6,18               | 0,00                | 141,47               | 0,00                  | 11049,05                | 3313,58                  | 7735,47             |
| 110+0,00     | 5,78               | 0,00                | 155,46               | 0,00                  | 11204,51                | 3313,58                  | 7890,93             |
| 111+0,00     | 5,43               | 0,00                | 145,72               | 0,00                  | 11350,22                | 3313,58                  | 8036,64             |
| 112+0,00     | 5,13               | 0,00                | 137,27               | 0,00                  | 11487,49                | 3313,58                  | 8173,92             |
| 113+0,00     | 4,86               | 0,01                | 129,87               | 0,06                  | 11617,37                | 3313,64                  | 8303,73             |
| 114+0,00     | 4,66               | 0,09                | 123,74               | 0,99                  | 11741,10                | 3314,63                  | 8426,47             |
| 115+0,00     | 4,91               | 0,00                | 124,33               | 0,93                  | 11865,43                | 3315,57                  | 8549,87             |
| 116+0,00     | 4,96               | 0,00                | 129,20               | 0,00                  | 11993,63                | 3315,57                  | 8678,06             |
| 117+0,00     | 5,12               | 0,00                | 131,00               | 0,00                  | 12124,63                | 3315,57                  | 8806,07             |
| 118+0,00     | 5,30               | 0,00                | 135,49               | 0,00                  | 12260,12                | 3315,57                  | 8944,55             |
| 119+0,00     | 5,47               | 0,00                | 139,98               | 0,00                  | 12400,10                | 3315,57                  | 9084,53             |
| 120+0,00     | 5,64               | 0,00                | 144,38               | 0,00                  | 12544,48                | 3315,57                  | 9226,92             |
| 121+0,00     | 5,85               | 0,00                | 148,31               | 0,00                  | 12693,79                | 3315,57                  | 9378,23             |
| 122+0,00     | 6,27               | 0,00                | 157,51               | 0,00                  | 12851,31                | 3315,57                  | 9535,74             |
| 123+0,00     | 9,45               | 0,00                | 204,33               | 0,00                  | 13055,64                | 3315,57                  | 9740,07             |
| 124+0,00     | 14,52              | 0,00                | 311,52               | 0,00                  | 13367,16                | 3315,57                  | 10051,59            |
| 125+0,00     | 13,92              | 0,00                | 369,62               | 0,00                  | 13736,78                | 3315,57                  | 10421,21            |
| 126+0,00     | 10,43              | 0,00                | 319,21               | 0,00                  | 14055,98                | 3315,57                  | 10740,42            |
| 127+0,00     | 5,32               | 0,00                | 206,41               | 0,00                  | 14262,40                | 3315,57                  | 10946,83            |
| 128+0,00     | 0,00               | 1,62                | 70,11                | 15,92                 | 14332,50                | 3331,49                  | 11007,02            |
| 129+0,00     | 0,00               | 0,76                | 0,00                 | 23,76                 | 14332,50                | 3355,25                  | 1087,29             |
| 130+0,00     | 0,03               | 0,00                | 78,38                | 7,57                  | 14410,88                | 3362,81                  | 11048,07            |
| 131+0,00     | 10,08              | 0,00                | 221,06               | 0,00                  | 14631,94                | 3362,81                  | 11269,13            |
| 132+0,00     | 10,50              | 0,00                | 219,21               | 0,00                  | 14911,15                | 3362,81                  | 11548,34            |
| 133+0,00     | 4,63               | 0,00                | 99,30                | 0,00                  | 15110,45                | 3362,82                  | 11747,64            |
| 134+0,00     | 0,51               | 1,68                | 69,35                | 18,83                 | 15179,80                | 3379,64                  | 11801,15            |
| 135+0,00     | 0,00               | 5,99                | 6,57                 | 76,75                 | 15186,37                | 3456,39                  | 11729,98            |
| 136+0,00     | 0,00               | 3,54                | 0,00                 | 96,36                 | 15186,37                | 3552,76                  | 11633,61            |
| 137+0,00     | 0,10               | 0,99                | 1,29                 | 46,41                 | 15187,66                | 3599,16                  | 11588,50            |
| 138+0,00     | 1,93               | 0,04                | 9,40                 | 10,34                 | 15197,06                | 3609,50                  | 11567,56            |
| 139+0,00     | 2,32               | 0,00                | 38,15                | 0,41                  | 15235,21                | 3609,91                  | 11625,30            |
| 140+0,00     | 2,90               | 1,25                | 67,73                | 12,31                 | 15302,94                | 3622,22                  | 11680,72            |
| 141+0,00     | 3,75               | 0,00                | 86,51                | 12,31                 | 15369,45                | 3634,53                  | 11754,92            |
| 142+0,00     | 3,52               | 6,35                | 94,80                | 62,43                 | 15494,24                | 3696,95                  | 11779,29            |
| 143+0,00     | 3,00               | 0,00                | 85,79                | 62,43                 | 15570,03                | 3759,38                  | 11810,65            |
| 144+0,00     | 4,44               | 0,00                | 97,08                | 0,00                  | 15667,11                | 3759,38                  | 11907,73            |
| 145+0,00     | 5,71               | 0,00                | 131,59               | 0,00                  | 15788,67                | 3759,38                  | 12039,29            |
| 146+0,00     | 6,32               | 0,00                | 156,43               | 0,00                  | 15955,10                | 3759,38                  | 12195,72            |
| 147+0,00     | 6,81               | 0,00                | 168,13               | 0,00                  | 16123,23                | 3759,38                  | 12358,86            |
| 148+0,00     | 5,54               | 0,00                | 157,99               | 0,00                  | 16281,22                | 3759,38                  | 12521,84            |
| 149+0,00     | 4,45               | 0,23                | 120,87               | 2,34                  | 16411,00                | 3761,72                  | 12649,38            |