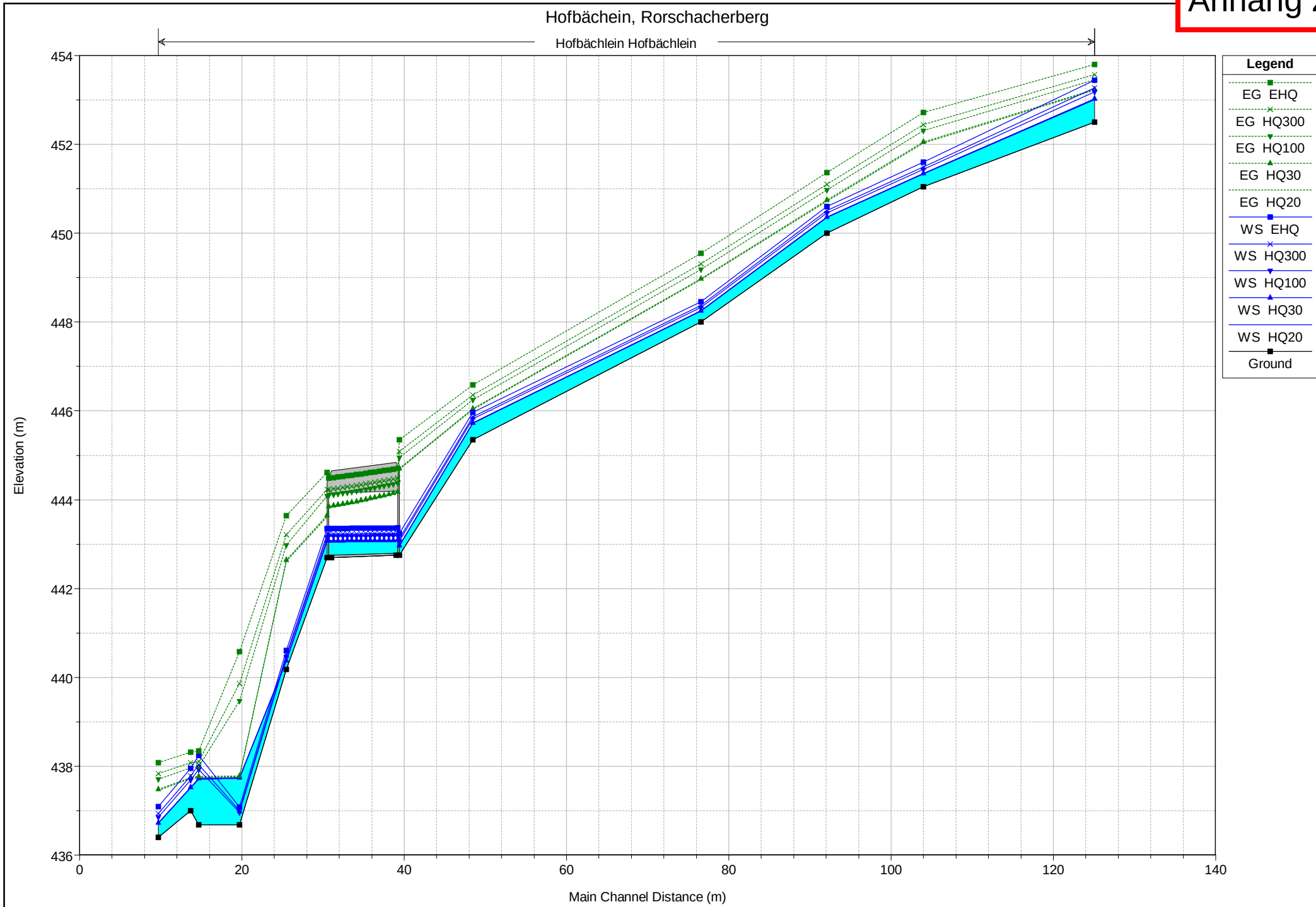
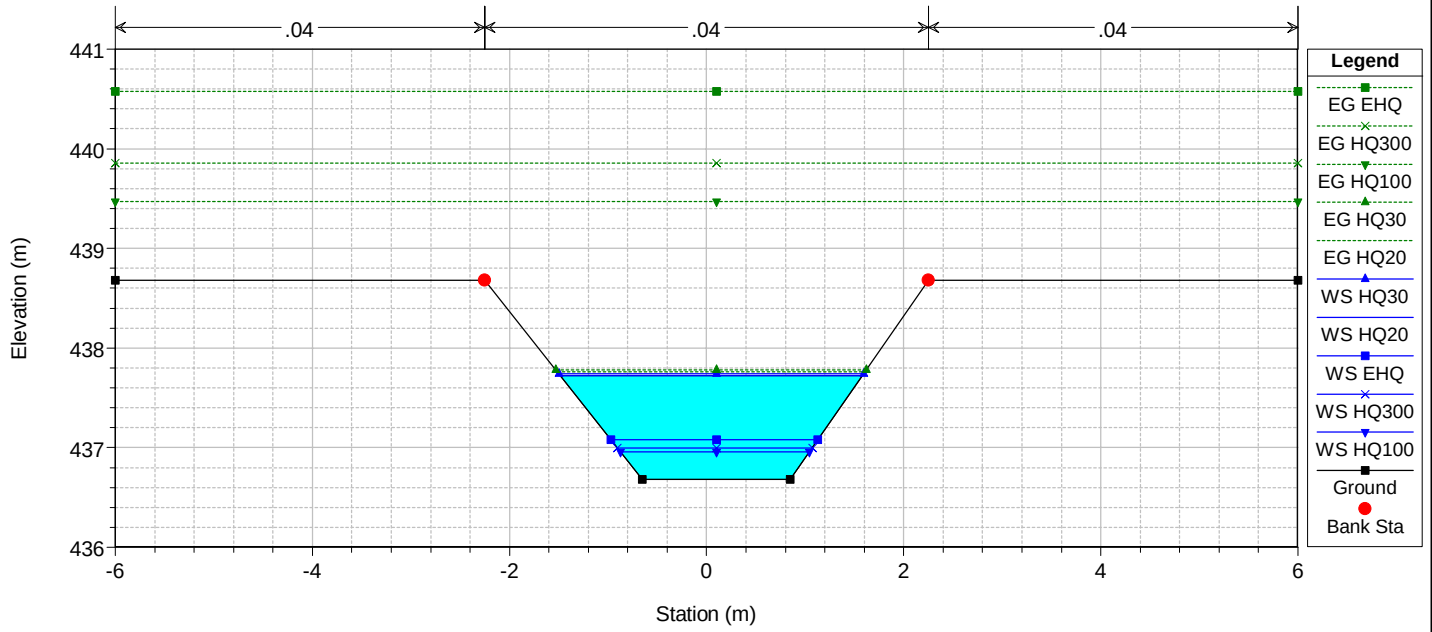




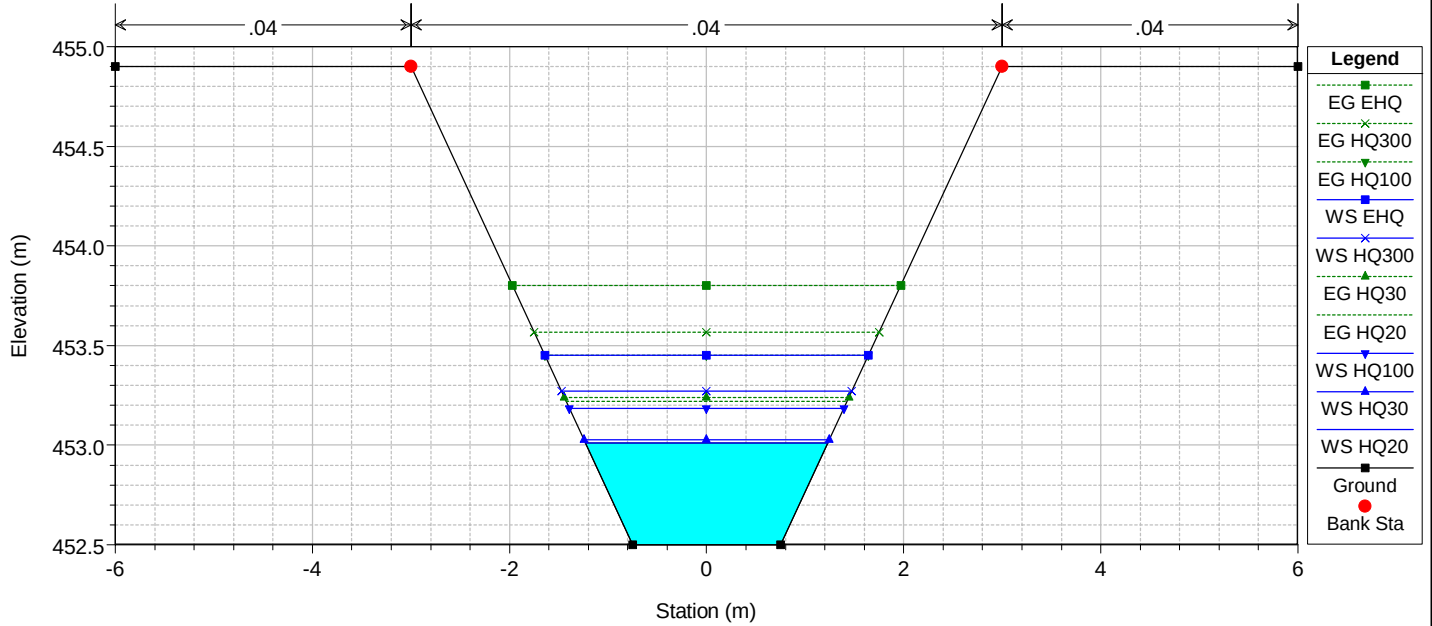
# Hofbächein, Rorschacherberg

RS = 0019.68



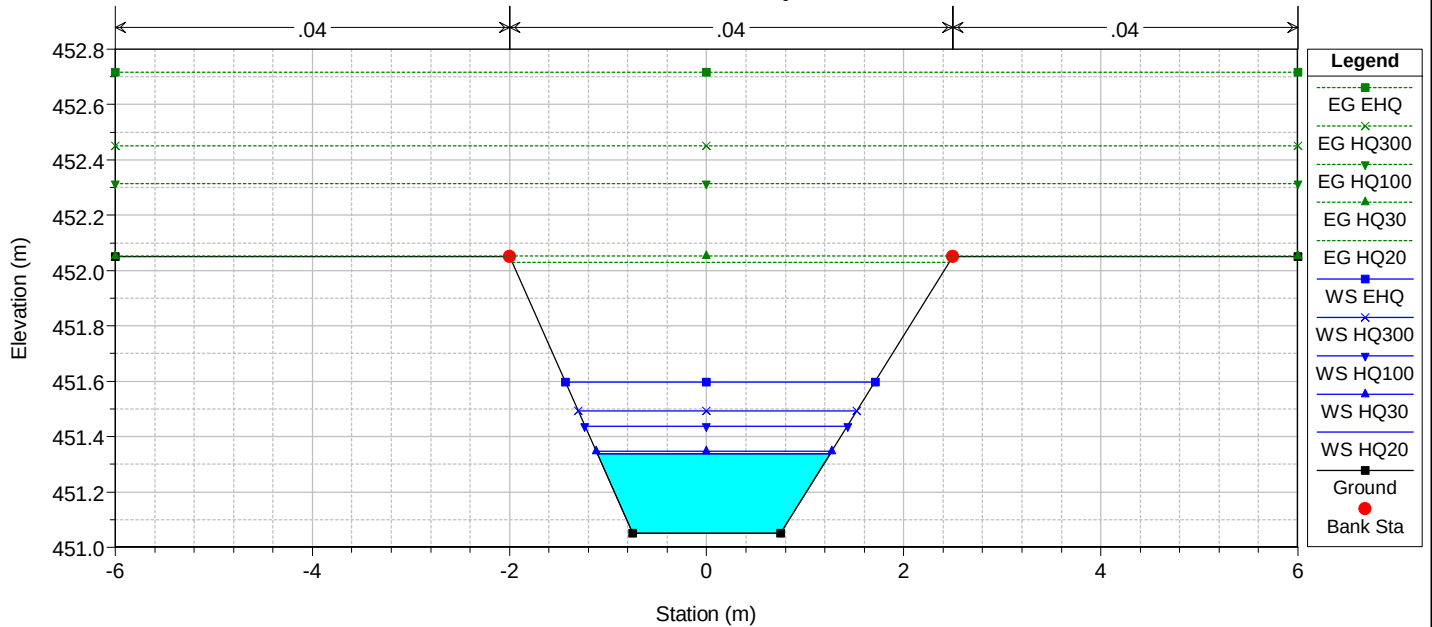
# Hofbächein, Rorschacherberg

RS = 0125.05 QP 9



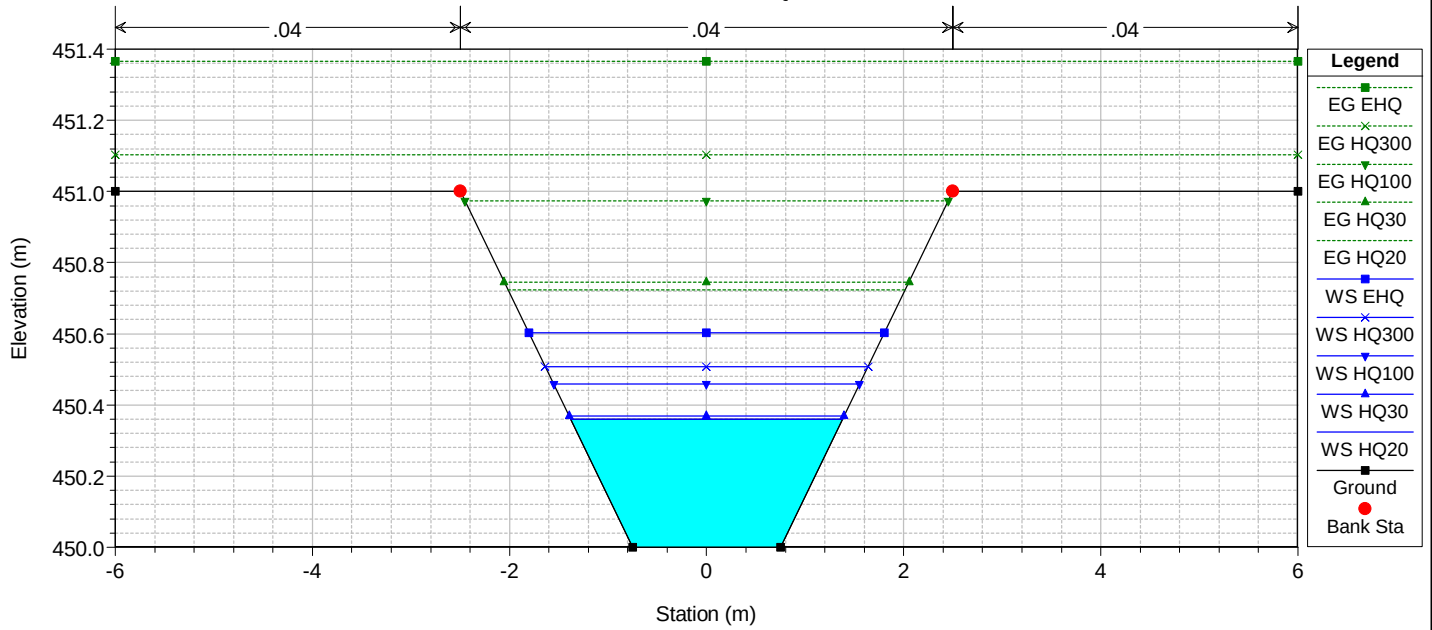
# Hofbächein, Rorschacherberg

RS = 0103.99 QP 8



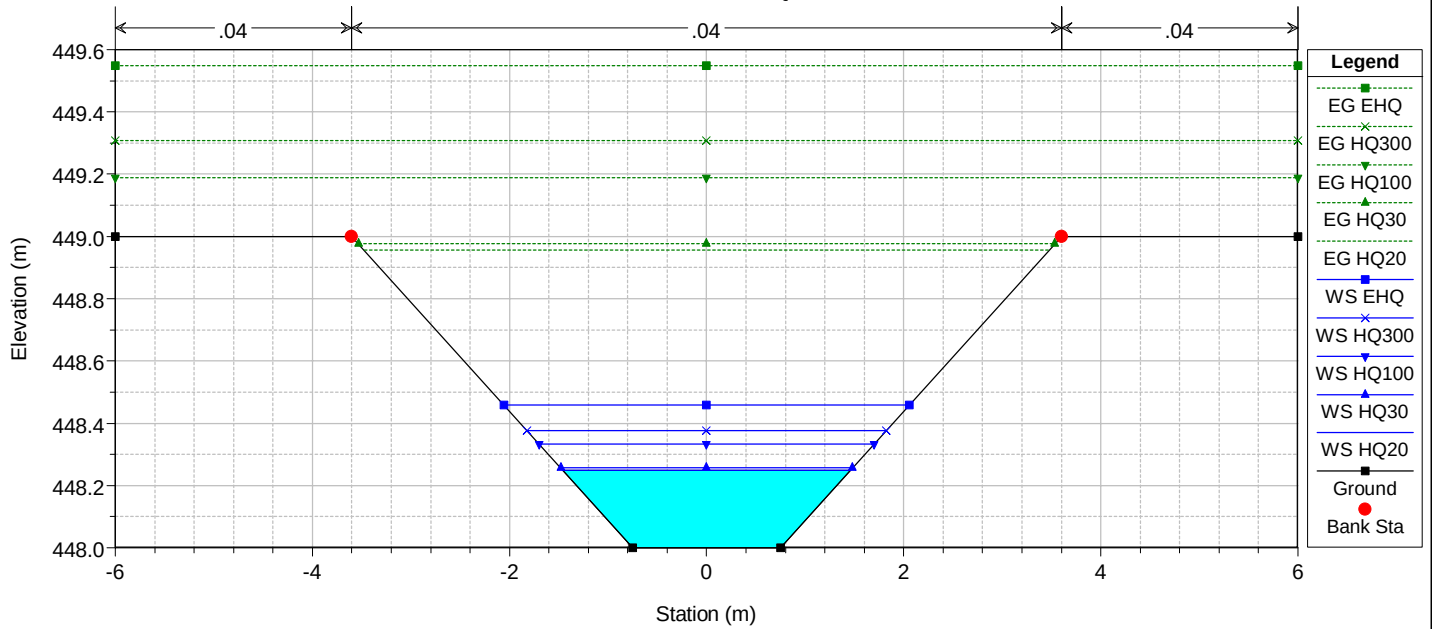
# Hofbächein, Rorschacherberg

RS = 0092.08 QP 7



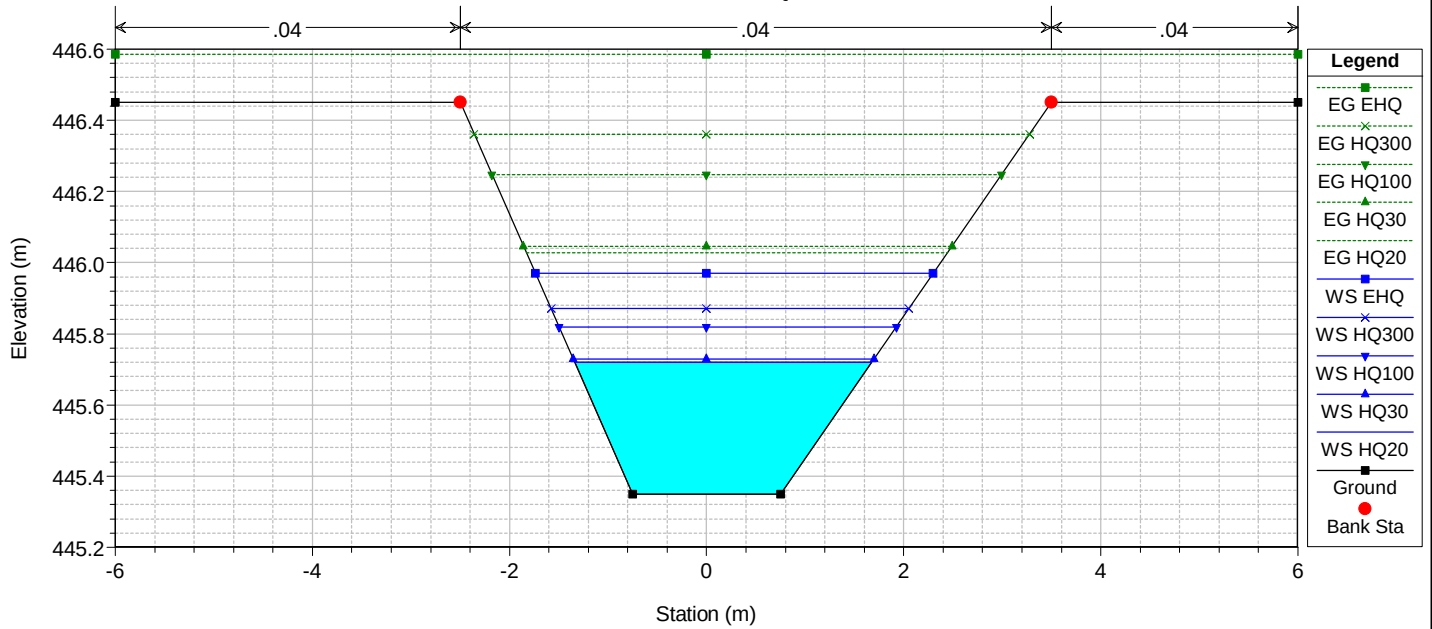
# Hofbächein, Rorschacherberg

RS = 0076.57 QP 6



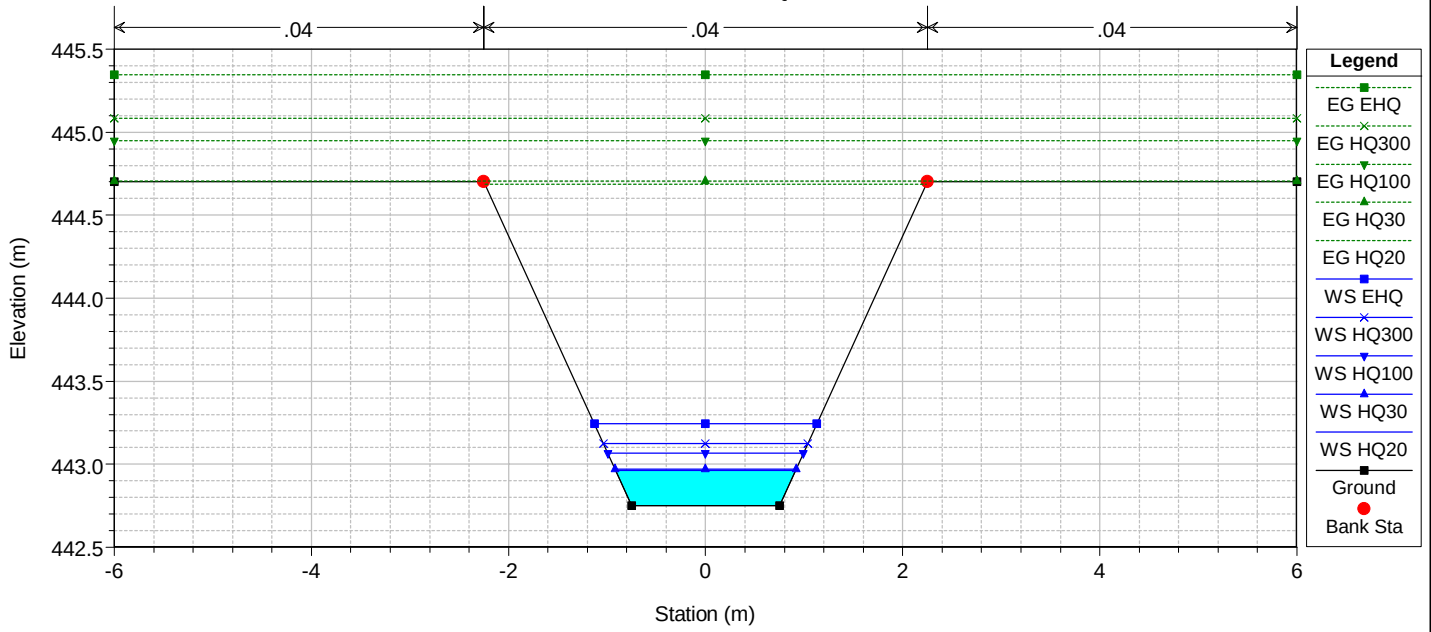
# Hofbächein, Rorschacherberg

RS = 0048.48 QP 5



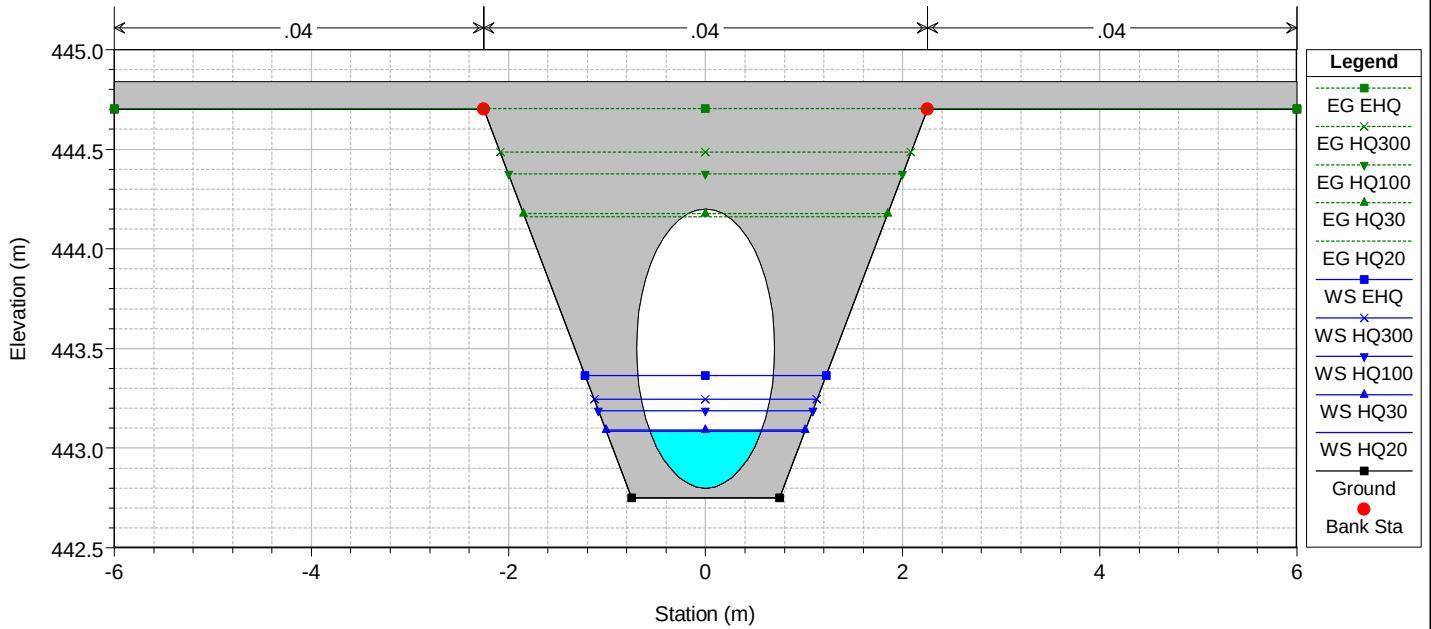
# Hofbächein, Rorschacherberg

RS = 0039.42 QP 4



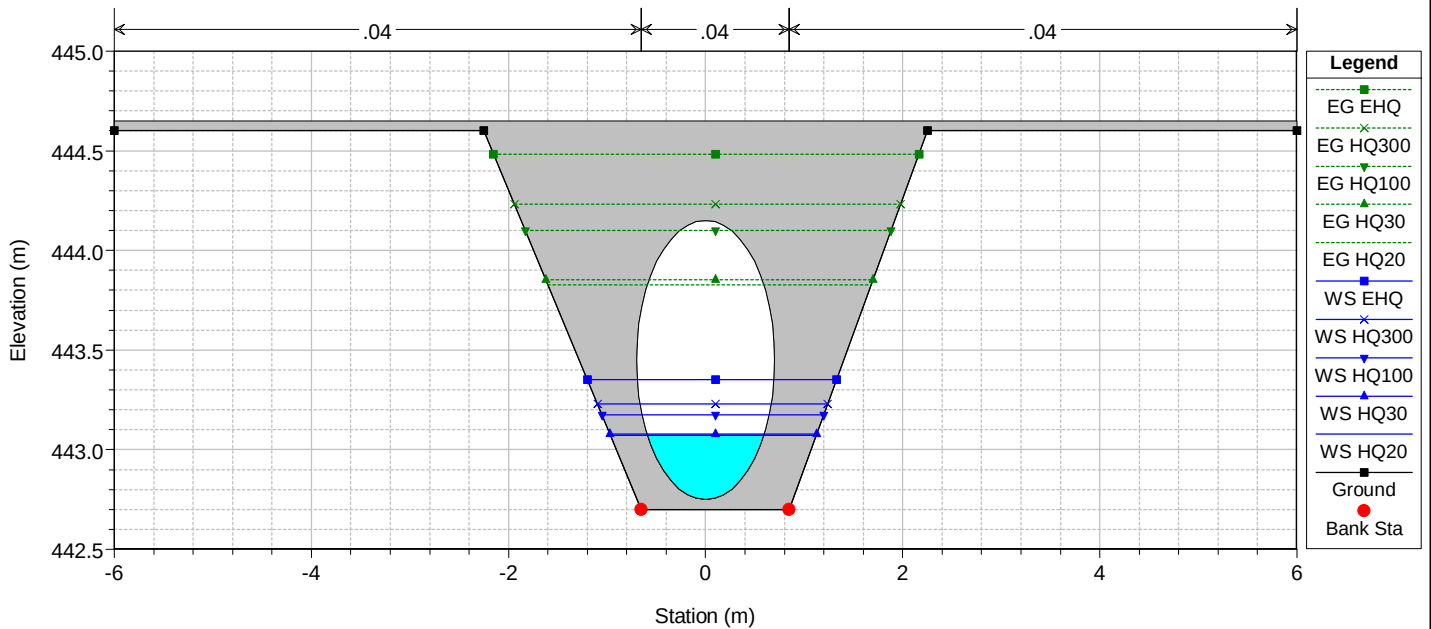
# Hofbächein, Rorschacherberg

RS = 0035 Culv



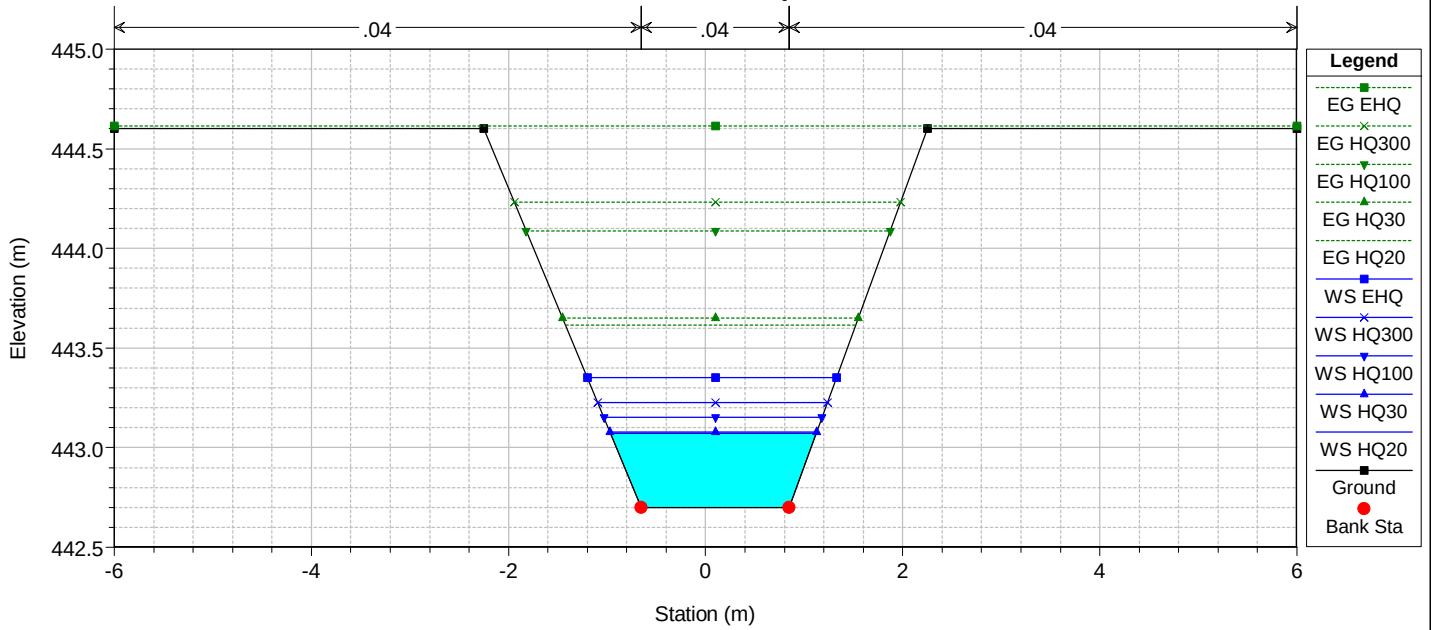
# Hofbächein, Rorschacherberg

RS = 0035 Culv



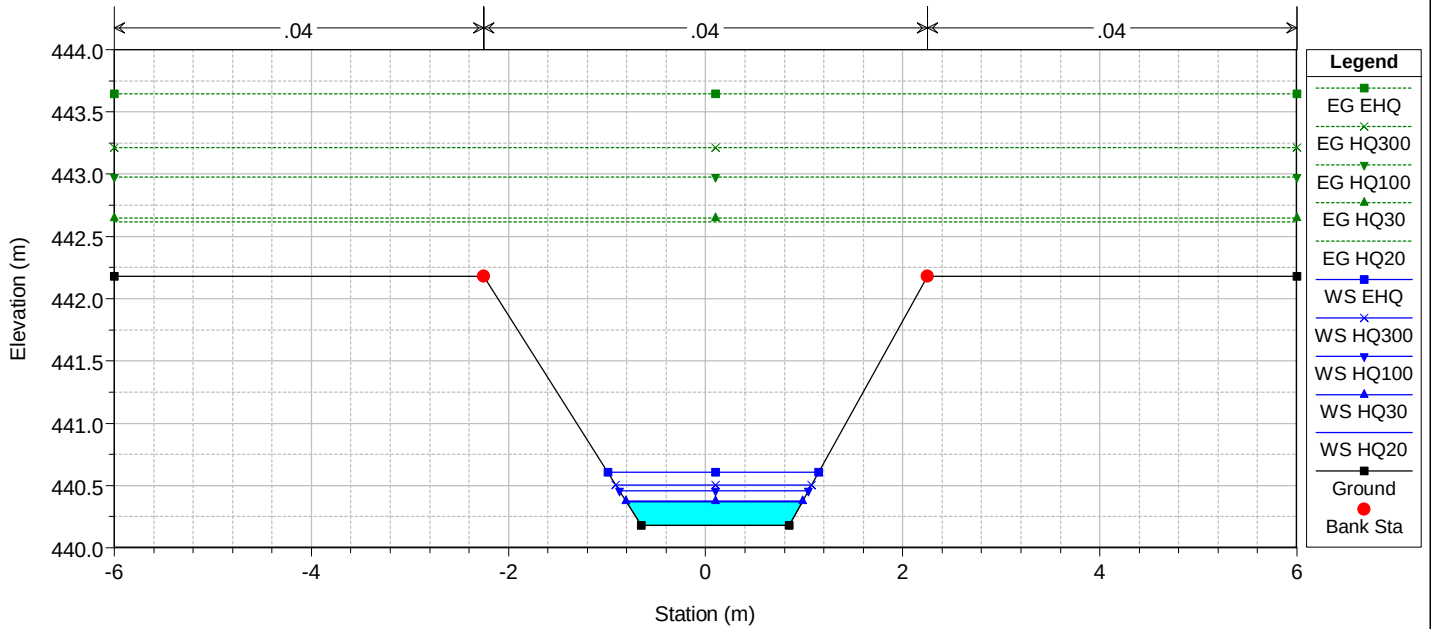
### Hofbächein, Rorschacherberg

RS = 0030.48 QP 3



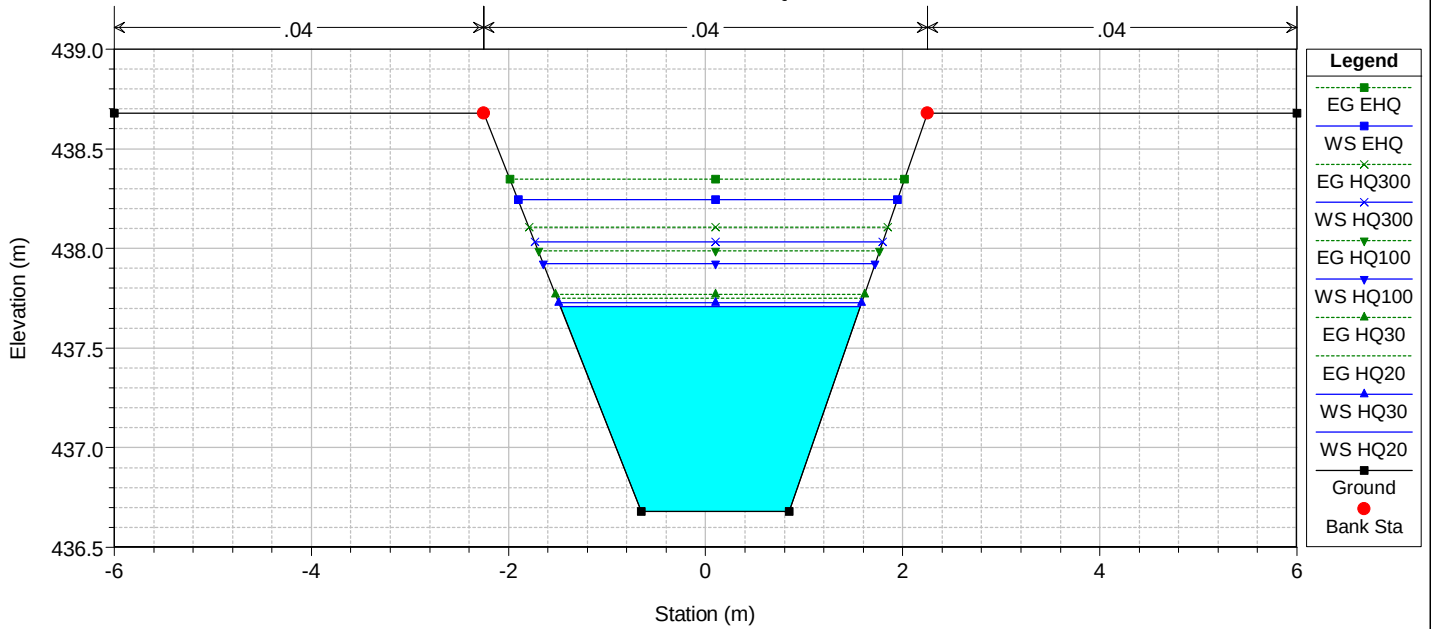
### Hofbächein, Rorschacherberg

RS = 0025.48



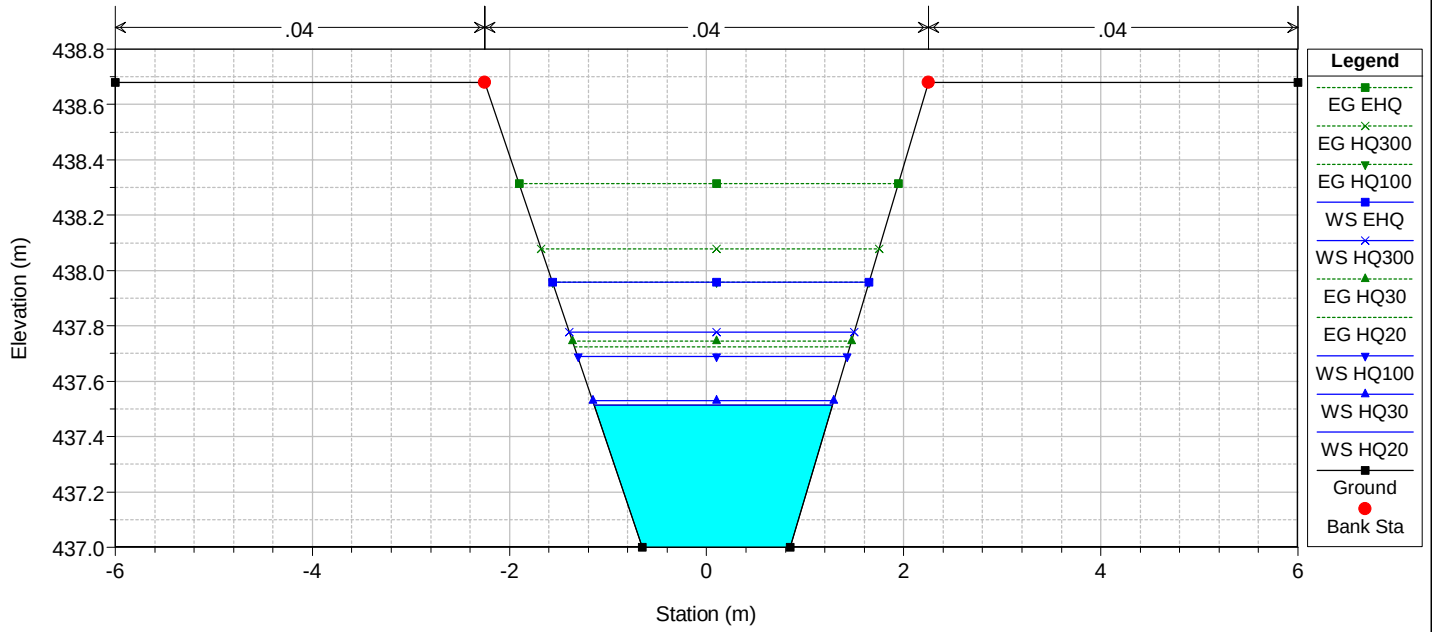
### Hofbächein, Rorschacherberg

RS = 0014.68 QP 2



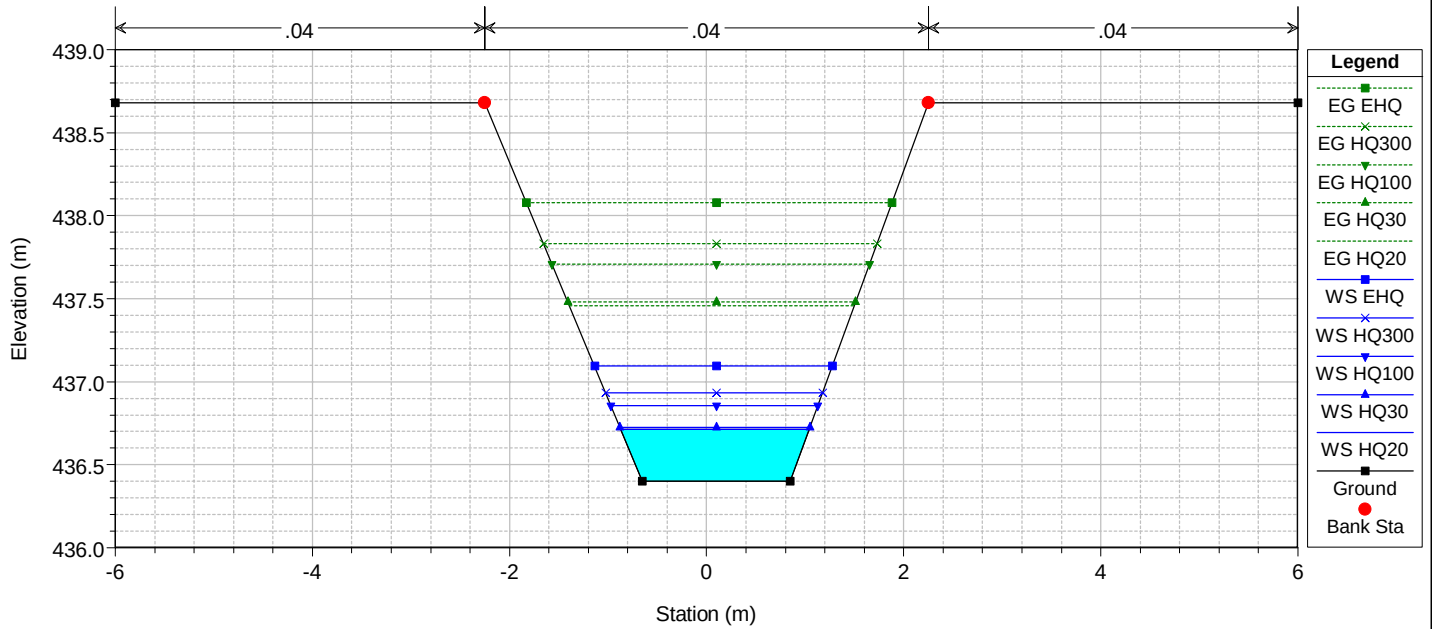
# Hofbächein, Rorschacherberg

RS = 0013.68



# Hofbächein, Rorschacherberg

RS = 0009.68



HEC-RAS Plan: Plan 03 River: Hofbächlein Reach: Hofbächlein

| Reach       | River Sta | Profile | Q Total | Min Ch El | W.S. Elev | Crit W.S. | E.G. Elev | E.G. Slope | Vel Chnl | Flow Area | Top Width | Froude # Chl |
|-------------|-----------|---------|---------|-----------|-----------|-----------|-----------|------------|----------|-----------|-----------|--------------|
|             |           |         | (m3/s)  | (m)       | (m)       | (m)       | (m)       | (m/m)      | (m/s)    | (m2)      | (m)       |              |
| Hofbächlein | 0125.05   | HQ20    | 2.05    | 452.50    | 453.01    | 453.01    | 453.22    | 0.026686   | 2.02     | 1.01      | 2.46      | 1.01         |
| Hofbächlein | 0125.05   | HQ30    | 2.15    | 452.50    | 453.03    | 453.03    | 453.24    | 0.026589   | 2.05     | 1.05      | 2.49      | 1.01         |
| Hofbächlein | 0125.05   | HQ100   | 3.35    | 452.50    | 453.18    | 453.18    | 453.45    | 0.025456   | 2.29     | 1.47      | 2.78      | 1.01         |
| Hofbächlein | 0125.05   | HQ300   | 4.14    | 452.50    | 453.27    | 453.27    | 453.57    | 0.025049   | 2.41     | 1.72      | 2.95      | 1.01         |
| Hofbächlein | 0125.05   | EHQ     | 5.96    | 452.50    | 453.45    | 453.45    | 453.80    | 0.024243   | 2.62     | 2.27      | 3.28      | 1.01         |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0103.99   | HQ20    | 2.05    | 451.05    | 451.34    | 451.53    | 452.03    | 0.163918   | 3.68     | 0.56      | 2.37      | 2.42         |
| Hofbächlein | 0103.99   | HQ30    | 2.15    | 451.05    | 451.35    | 451.55    | 452.05    | 0.162439   | 3.72     | 0.58      | 2.39      | 2.42         |
| Hofbächlein | 0103.99   | HQ100   | 3.35    | 451.05    | 451.44    | 451.69    | 452.31    | 0.150973   | 4.14     | 0.81      | 2.67      | 2.40         |
| Hofbächlein | 0103.99   | HQ300   | 4.14    | 451.05    | 451.49    | 451.77    | 452.45    | 0.144288   | 4.33     | 0.96      | 2.83      | 2.38         |
| Hofbächlein | 0103.99   | EHQ     | 5.96    | 451.05    | 451.60    | 451.92    | 452.72    | 0.134364   | 4.68     | 1.27      | 3.14      | 2.35         |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0092.08   | HQ20    | 2.05    | 450.00    | 450.36    | 450.47    | 450.72    | 0.068690   | 2.67     | 0.77      | 2.76      | 1.62         |
| Hofbächlein | 0092.08   | HQ30    | 2.15    | 450.00    | 450.37    | 450.49    | 450.75    | 0.069297   | 2.72     | 0.79      | 2.79      | 1.63         |
| Hofbächlein | 0092.08   | HQ100   | 3.35    | 450.00    | 450.46    | 450.62    | 450.97    | 0.075307   | 3.18     | 1.05      | 3.10      | 1.74         |
| Hofbächlein | 0092.08   | HQ300   | 4.14    | 450.00    | 450.51    | 450.70    | 451.10    | 0.078390   | 3.42     | 1.21      | 3.27      | 1.80         |
| Hofbächlein | 0092.08   | EHQ     | 5.96    | 450.00    | 450.60    | 450.84    | 451.37    | 0.083430   | 3.87     | 1.54      | 3.61      | 1.89         |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0076.57   | HQ20    | 2.05    | 448.00    | 448.25    | 448.43    | 448.96    | 0.213071   | 3.72     | 0.55      | 2.92      | 2.74         |
| Hofbächlein | 0076.57   | HQ30    | 2.15    | 448.00    | 448.26    | 448.45    | 448.98    | 0.210152   | 3.76     | 0.57      | 2.96      | 2.73         |
| Hofbächlein | 0076.57   | HQ100   | 3.35    | 448.00    | 448.33    | 448.56    | 449.19    | 0.187458   | 4.09     | 0.82      | 3.40      | 2.67         |
| Hofbächlein | 0076.57   | HQ300   | 4.14    | 448.00    | 448.38    | 448.63    | 449.31    | 0.179332   | 4.28     | 0.97      | 3.65      | 2.65         |
| Hofbächlein | 0076.57   | EHQ     | 5.96    | 448.00    | 448.46    | 448.75    | 449.55    | 0.169029   | 4.62     | 1.29      | 4.12      | 2.64         |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0048.48   | HQ20    | 2.05    | 445.35    | 445.72    | 445.81    | 446.03    | 0.057841   | 2.46     | 0.83      | 3.01      | 1.49         |
| Hofbächlein | 0048.48   | HQ30    | 2.15    | 445.35    | 445.73    | 445.82    | 446.05    | 0.058262   | 2.50     | 0.86      | 3.05      | 1.50         |
| Hofbächlein | 0048.48   | HQ100   | 3.35    | 445.35    | 445.82    | 445.95    | 446.25    | 0.062163   | 2.90     | 1.16      | 3.42      | 1.59         |
| Hofbächlein | 0048.48   | HQ300   | 4.14    | 445.35    | 445.87    | 446.02    | 446.36    | 0.063874   | 3.10     | 1.33      | 3.63      | 1.63         |
| Hofbächlein | 0048.48   | EHQ     | 5.96    | 445.35    | 445.97    | 446.17    | 446.59    | 0.066485   | 3.48     | 1.72      | 4.04      | 1.70         |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0039.42   | HQ20    | 2.05    | 442.75    | 442.96    | 443.27    | 444.69    | 0.560131   | 5.81     | 0.35      | 1.83      | 4.23         |
| Hofbächlein | 0039.42   | HQ30    | 2.15    | 442.75    | 442.97    | 443.29    | 444.71    | 0.539247   | 5.83     | 0.37      | 1.84      | 4.16         |
| Hofbächlein | 0039.42   | HQ100   | 3.35    | 442.75    | 443.07    | 443.45    | 444.95    | 0.395838   | 6.07     | 0.55      | 1.99      | 3.68         |
| Hofbächlein | 0039.42   | HQ300   | 4.14    | 442.75    | 443.12    | 443.54    | 445.08    | 0.346201   | 6.20     | 0.67      | 2.08      | 3.49         |
| Hofbächlein | 0039.42   | EHQ     | 5.96    | 442.75    | 443.24    | 443.73    | 445.35    | 0.280502   | 6.42     | 0.93      | 2.26      | 3.20         |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0035      |         | Culvert |           |           |           |           |            |          |           |           |              |
|             |           |         |         |           |           |           |           |            |          |           |           |              |
| Hofbächlein | 0030.48   | HQ20    | 2.05    | 442.70    | 443.07    | 443.24    | 443.62    | 0.068774   | 3.38     | 0.66      | 2.09      | 1.77         |
| Hofbächlein | 0030.48   | HQ30    | 2.15    | 442.70    | 443.08    | 443.25    | 443.65    | 0.069721   | 3.46     | 0.68      | 2.10      | 1.79         |
| Hofbächlein | 0030.48   | HQ100   | 3.35    | 442.70    | 443.15    | 443.43    | 444.09    | 0.092183   | 4.46     | 0.84      | 2.21      | 2.12         |
| Hofbächlein | 0030.48   | HQ300   | 4.14    | 442.70    | 443.23    | 443.53    | 444.23    | 0.081298   | 4.65     | 1.01      | 2.33      | 2.05         |

## HEC-RAS Plan: Plan 03 River: Hofbächlein Reach: Hofbächlein (Continued)

| Reach       | River Sta | Profile | Q Total<br>(m3/s) | Min Ch El<br>(m) | W.S. Elev<br>(m) | Crit W.S.<br>(m) | E.G. Elev<br>(m) | E.G. Slope<br>(m/m) | Vel Chnl<br>(m/s) | Flow Area<br>(m2) | Top Width<br>(m) | Froude # Chl |
|-------------|-----------|---------|-------------------|------------------|------------------|------------------|------------------|---------------------|-------------------|-------------------|------------------|--------------|
| Hofbächlein | 0030.48   | EHQ     | 5.96              | 442.70           | 443.35           | 443.73           | 444.62           | 0.078584            | 5.27              | 1.31              | 2.53             | 2.08         |
| Hofbächlein | 0025.48   | HQ20    | 2.05              | 440.18           | 440.37           | 440.70           | 442.62           | 0.835092            | 6.64              | 0.31              | 1.78             | 5.09         |
| Hofbächlein | 0025.48   | HQ30    | 2.15              | 440.18           | 440.38           | 440.72           | 442.65           | 0.807098            | 6.67              | 0.32              | 1.79             | 5.03         |
| Hofbächlein | 0025.48   | HQ100   | 3.35              | 440.18           | 440.46           | 440.88           | 442.98           | 0.606378            | 7.03              | 0.48              | 1.92             | 4.50         |
| Hofbächlein | 0025.48   | HQ300   | 4.14              | 440.18           | 440.51           | 440.98           | 443.21           | 0.552291            | 7.28              | 0.57              | 1.99             | 4.35         |
| Hofbächlein | 0025.48   | EHQ     | 5.96              | 440.18           | 440.60           | 441.16           | 443.64           | 0.472245            | 7.72              | 0.77              | 2.14             | 4.10         |
| Hofbächlein | 0019.68   | HQ20    | 2.05              | 436.68           | 437.72           | 437.20           | 437.76           | 0.002452            | 0.86              | 2.38              | 3.07             | 0.31         |
| Hofbächlein | 0019.68   | HQ30    | 2.15              | 436.68           | 437.74           | 437.22           | 437.78           | 0.002525            | 0.88              | 2.44              | 3.09             | 0.32         |
| Hofbächlein | 0019.68   | HQ100   | 3.35              | 436.68           | 436.96           | 437.38           | 439.47           | 0.602902            | 7.01              | 0.48              | 1.92             | 4.49         |
| Hofbächlein | 0019.68   | HQ300   | 4.14              | 436.68           | 437.00           | 437.48           | 439.86           | 0.599488            | 7.49              | 0.55              | 1.98             | 4.52         |
| Hofbächlein | 0019.68   | EHQ     | 5.96              | 436.68           | 437.08           | 437.66           | 440.58           | 0.577831            | 8.28              | 0.72              | 2.10             | 4.52         |
| Hofbächlein | 0014.68   | HQ20    | 2.05              | 436.68           | 437.71           |                  | 437.75           | 0.002577            | 0.88              | 2.34              | 3.04             | 0.32         |
| Hofbächlein | 0014.68   | HQ30    | 2.15              | 436.68           | 437.73           |                  | 437.77           | 0.002655            | 0.90              | 2.40              | 3.07             | 0.32         |
| Hofbächlein | 0014.68   | HQ100   | 3.35              | 436.68           | 437.92           | 437.38           | 437.99           | 0.003436            | 1.11              | 3.03              | 3.37             | 0.37         |
| Hofbächlein | 0014.68   | HQ300   | 4.14              | 436.68           | 438.03           | 437.48           | 438.11           | 0.003841            | 1.22              | 3.40              | 3.53             | 0.40         |
| Hofbächlein | 0014.68   | EHQ     | 5.96              | 436.68           | 438.24           | 437.66           | 438.35           | 0.004585            | 1.43              | 4.18              | 3.85             | 0.44         |
| Hofbächlein | 0013.68   | HQ20    | 2.05              | 437.00           | 437.51           | 437.51           | 437.73           | 0.026824            | 2.03              | 1.01              | 2.42             | 1.01         |
| Hofbächlein | 0013.68   | HQ30    | 2.15              | 437.00           | 437.53           | 437.53           | 437.75           | 0.026711            | 2.06              | 1.04              | 2.45             | 1.01         |
| Hofbächlein | 0013.68   | HQ100   | 3.35              | 437.00           | 437.69           | 437.69           | 437.96           | 0.025685            | 2.30              | 1.46              | 2.73             | 1.01         |
| Hofbächlein | 0013.68   | HQ300   | 4.14              | 437.00           | 437.78           | 437.78           | 438.08           | 0.025244            | 2.42              | 1.71              | 2.89             | 1.01         |
| Hofbächlein | 0013.68   | EHQ     | 5.96              | 437.00           | 437.96           | 437.96           | 438.31           | 0.024564            | 2.64              | 2.25              | 3.21             | 1.01         |
| Hofbächlein | 0009.68   | HQ20    | 2.05              | 436.40           | 436.71           | 436.93           | 437.46           | 0.158039            | 3.82              | 0.54              | 1.91             | 2.30         |
| Hofbächlein | 0009.68   | HQ30    | 2.15              | 436.40           | 436.73           | 436.94           | 437.48           | 0.154099            | 3.84              | 0.56              | 1.93             | 2.28         |
| Hofbächlein | 0009.68   | HQ100   | 3.35              | 436.40           | 436.86           | 437.11           | 437.71           | 0.123816            | 4.09              | 0.82              | 2.10             | 2.09         |
| Hofbächlein | 0009.68   | HQ300   | 4.14              | 436.40           | 436.93           | 437.21           | 437.83           | 0.112229            | 4.20              | 0.99              | 2.20             | 2.00         |
| Hofbächlein | 0009.68   | EHQ     | 5.96              | 436.40           | 437.09           | 437.40           | 438.08           | 0.095427            | 4.39              | 1.36              | 2.41             | 1.87         |