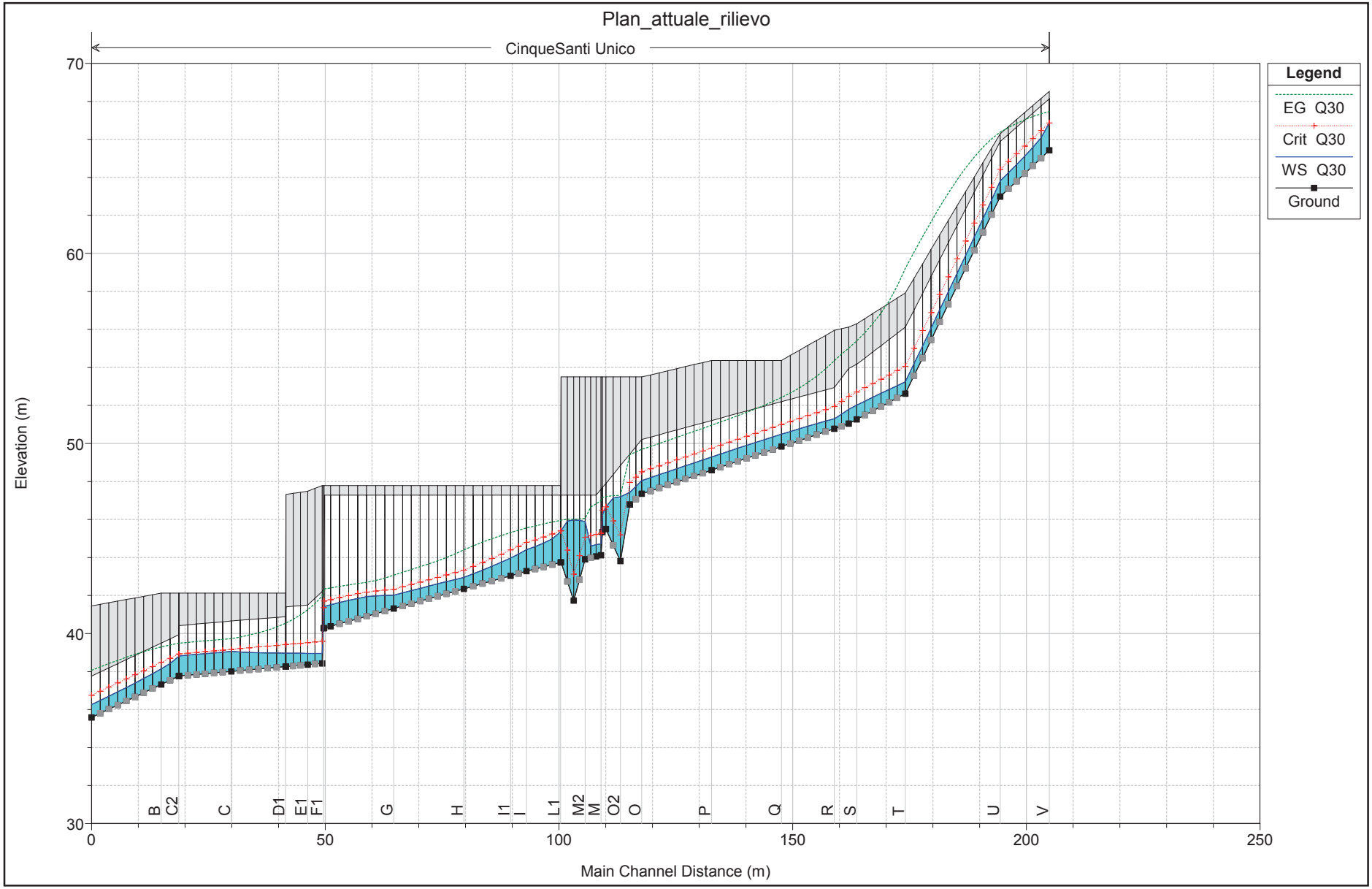
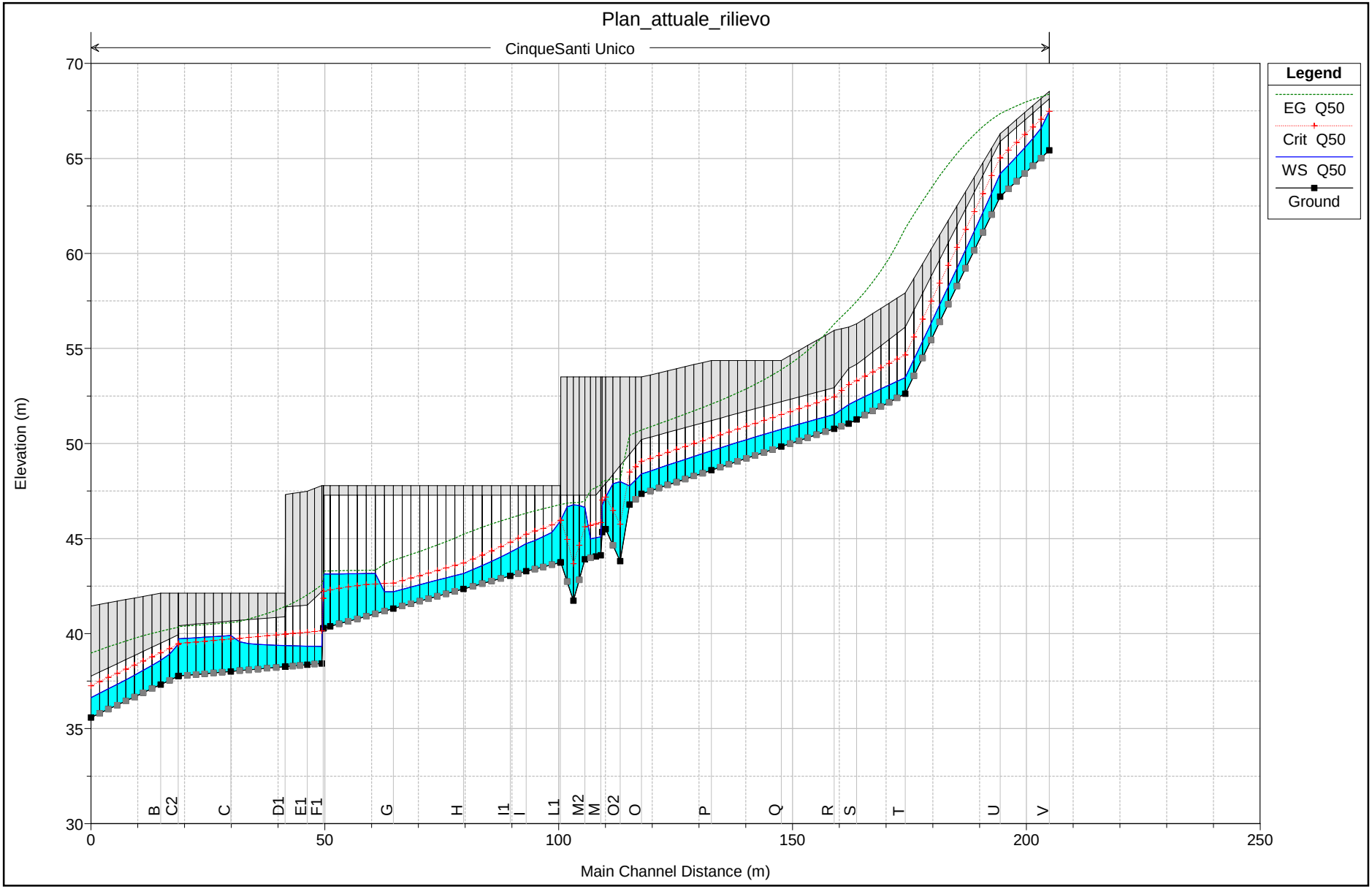
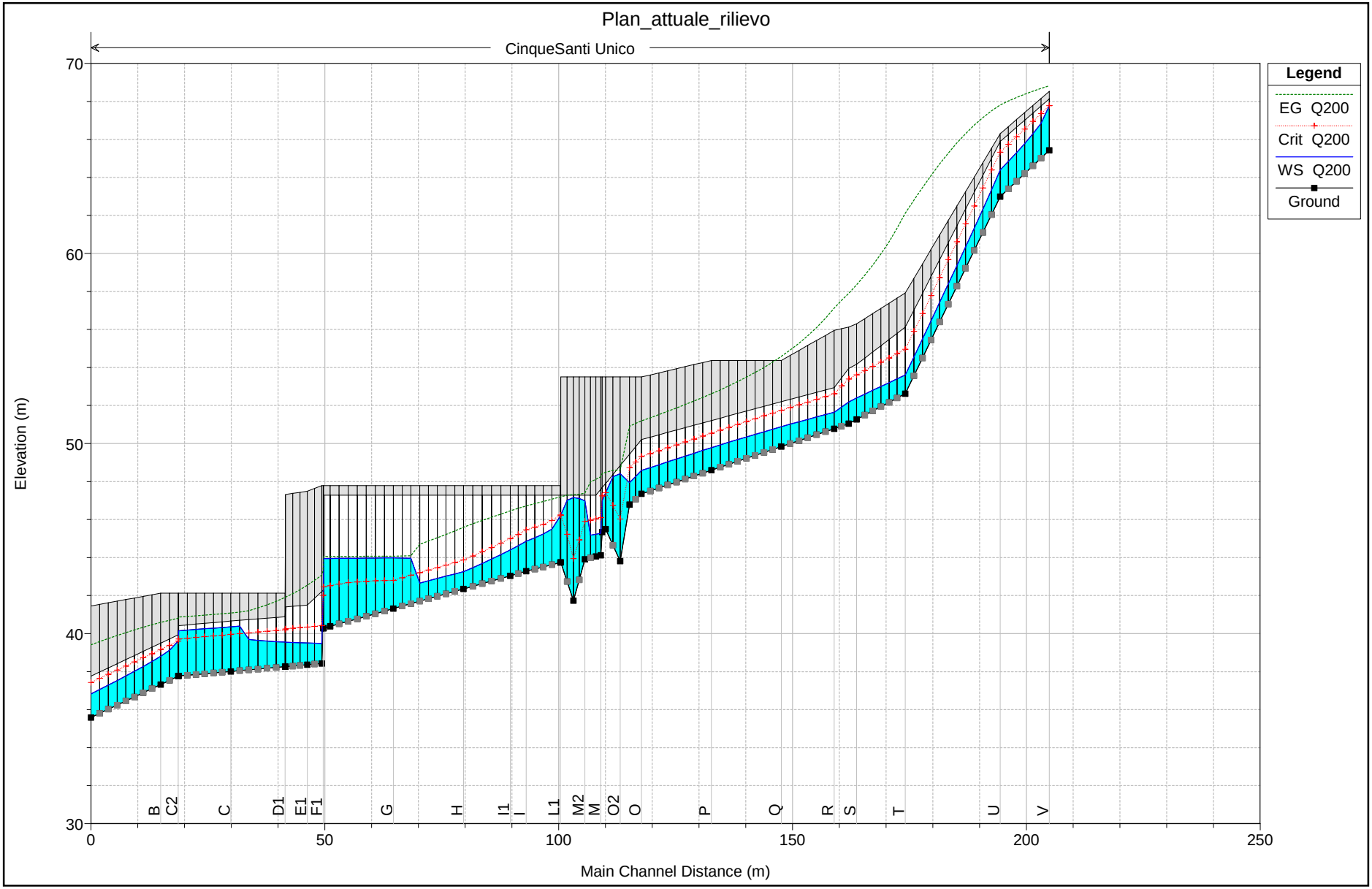
ALLEGATO 3

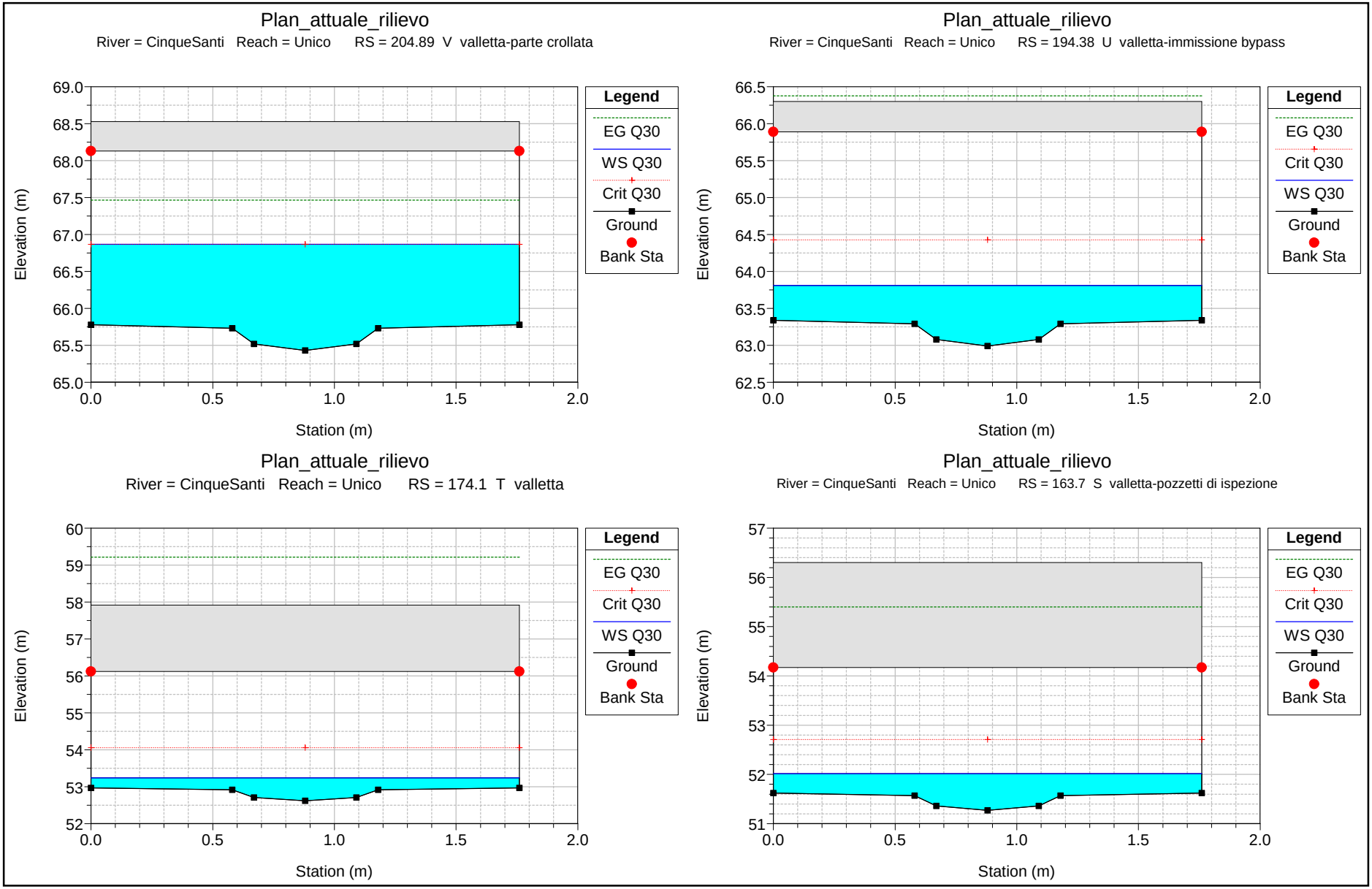
OUTPUT DI HECRAS
STATO DI FATTO

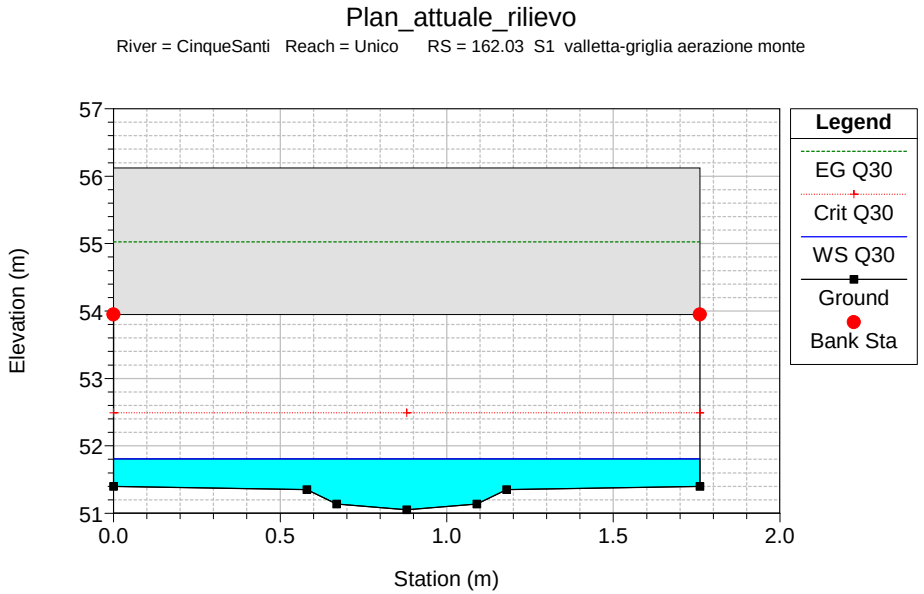
- Profilo longitudinale Q30 - Q50 - Q200
- Sezioni trasversali Q30 - Q50 - Q200
- Tabelle di output Q30 - Q50 - Q200
- Vista prospettica Q30 - Q50 - Q200

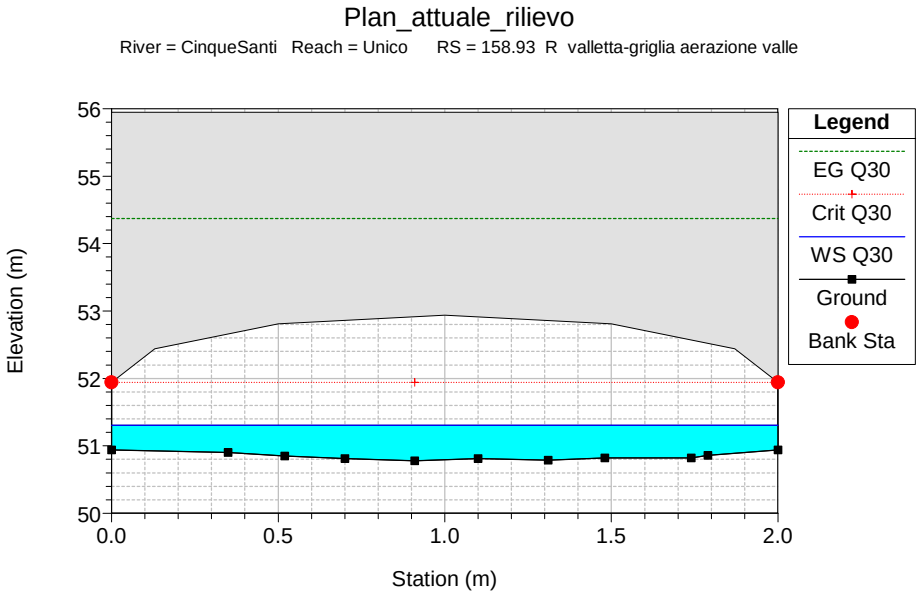

Plan_attuale_rilievo
CinqueSanti Unico
Legend
EG Q30
Crit Q30
WS Q30
Ground
Elevation (m)
70
60
50
40
30
0
50
100
150
200
250
Main Channel Distance (m)
B
C2
C
D1
E1
F1
G
H
I1
I
L1
M2
M
O2
O
P
Q
R
S
T
U
V

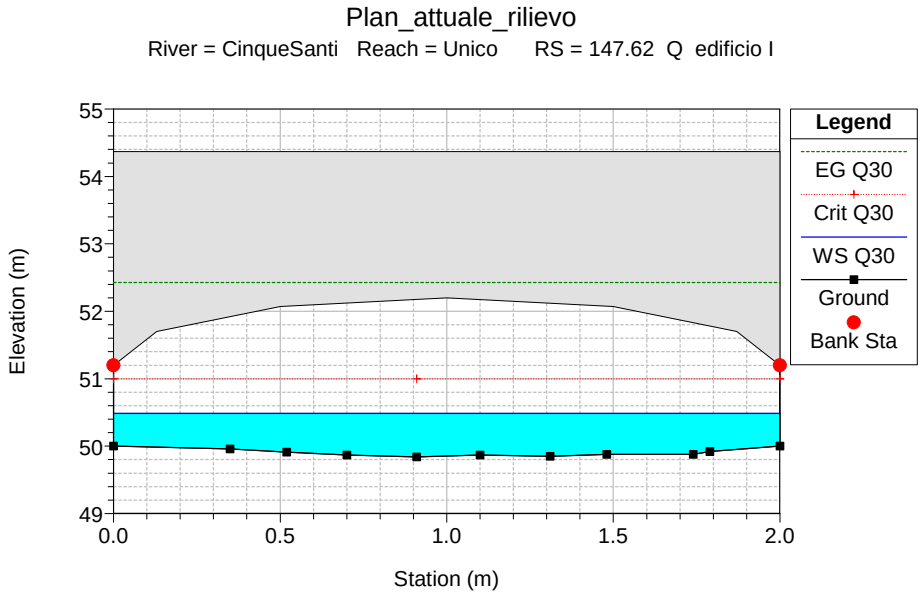

Plan_attuale_rilievo
CinqueSanti Unico
Legend
EG Q50
Crit Q50
WS Q50
Ground
Elevation (m)
Main Channel Distance (m)
70
65
60
55
50
45
40
35
30
0
50
100
150
200
250
B
C2
C
D1
E1
F1
G
H
I1
I
L1
M2
M
O2
O
P
Q
R
S
T
U
V

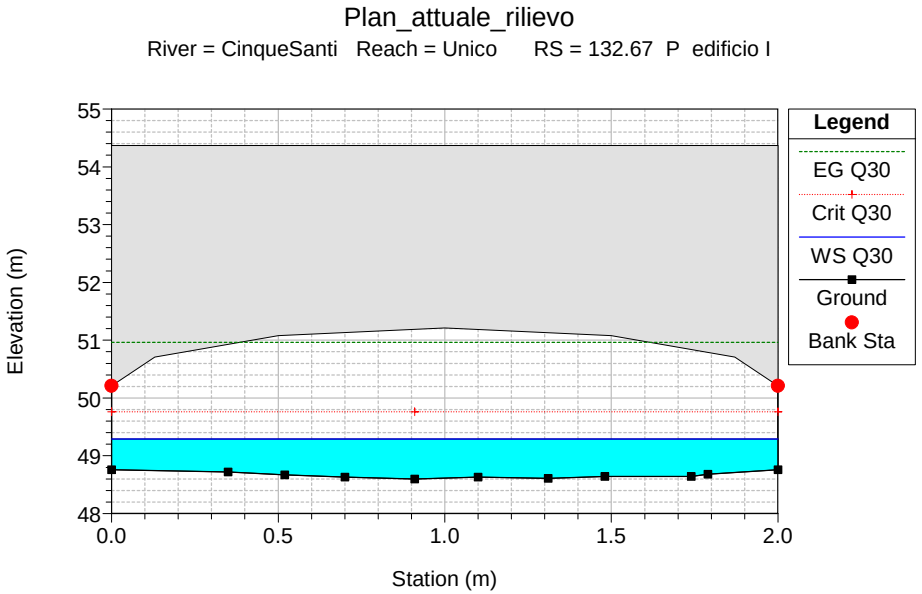

Plan_attuale_rilievo
CinqueSanti Unico
Legend
EG Q200
Crit Q200
WS Q200
Ground
Elevation (m)
Main Channel Distance (m)
70
60
50
40
30
0
50
100
150
200
250
B
C2
C
D1
E1
F1
G
H
I1
I
L1
M2
M
O2
O
P
Q
R
S
T
U
V


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 204.89 V valletta-parte crollata
Elevation (m)
Station (m)
Legend
EG Q30
WS Q30
Crit Q30
Ground
Bank Sta
Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 194.38 U valletta-immissione bypass
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 174.1 T valletta
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 163.7 S valletta-pozzetti di ispezione
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 162.03 S1 valletta-griglia aerazione monte
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

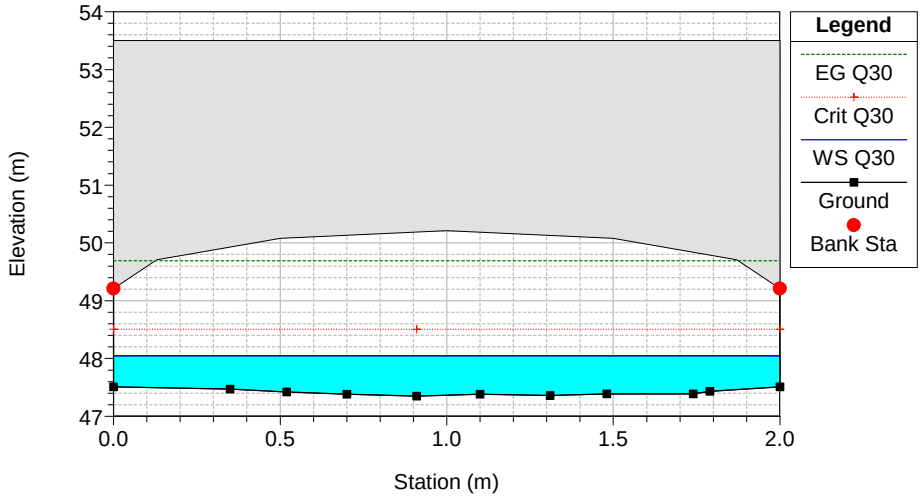

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 158.93 R valletta-griglia aerazione valle
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 147.62 Q edificio I
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 132.67 P edificio I
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

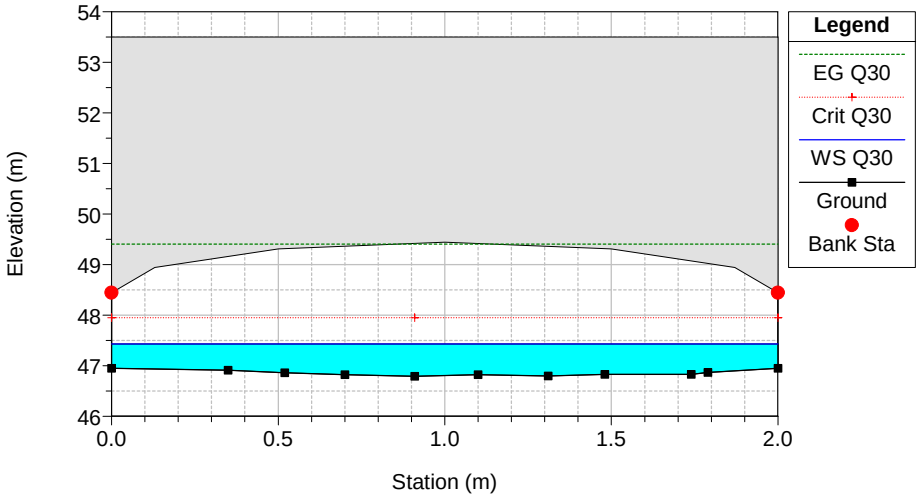
Plan_attuale_rilievo

River = CinqueSanti Reach = Unico RS = 117.72 O piazzale Villavecchi-pozzetto



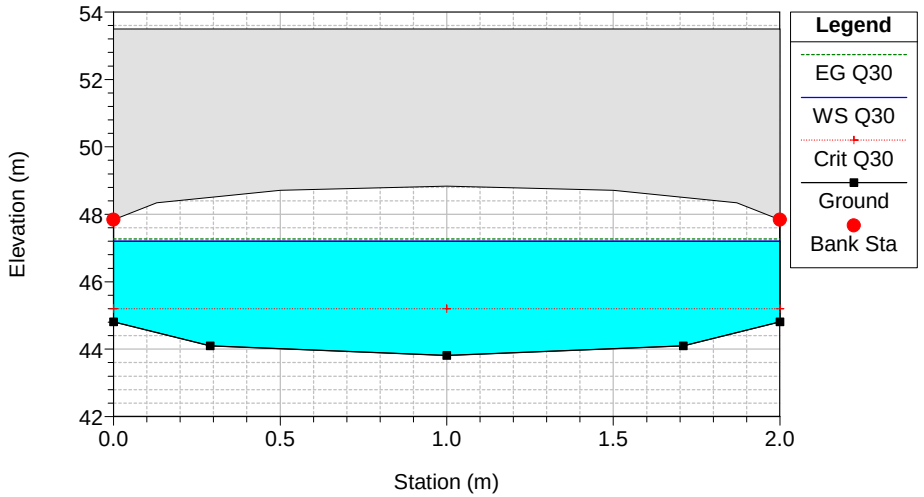
Plan_attuale_rilievo

River = CinqueSanti Reach = Unico RS = 115.15 O1 piazzale Villavecchi-inizio pozza



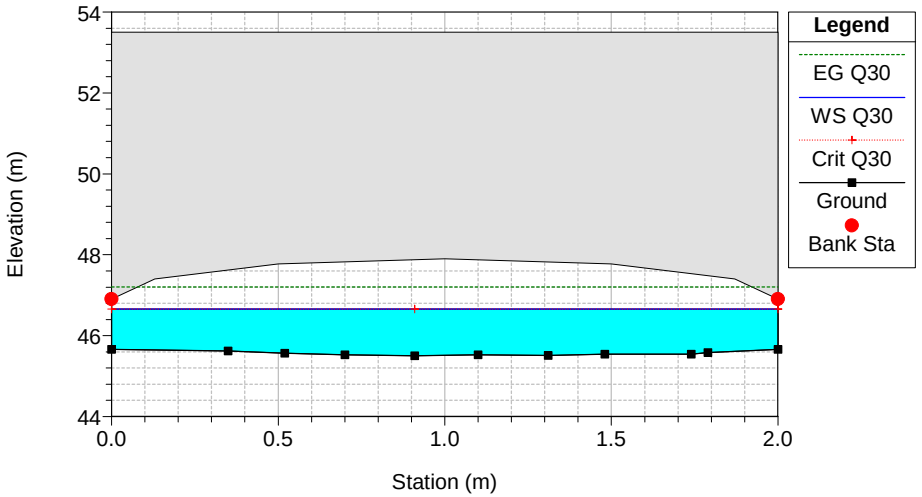
Plan_attuale_rilievo

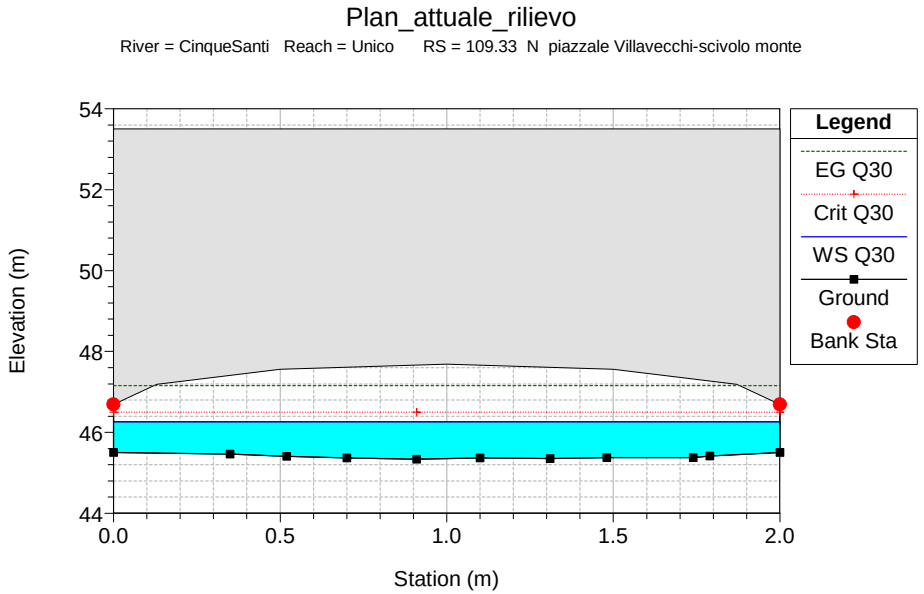
River = CinqueSanti Reach = Unico RS = 113.16 O2 piazzale Villavecchi-fondo pozza

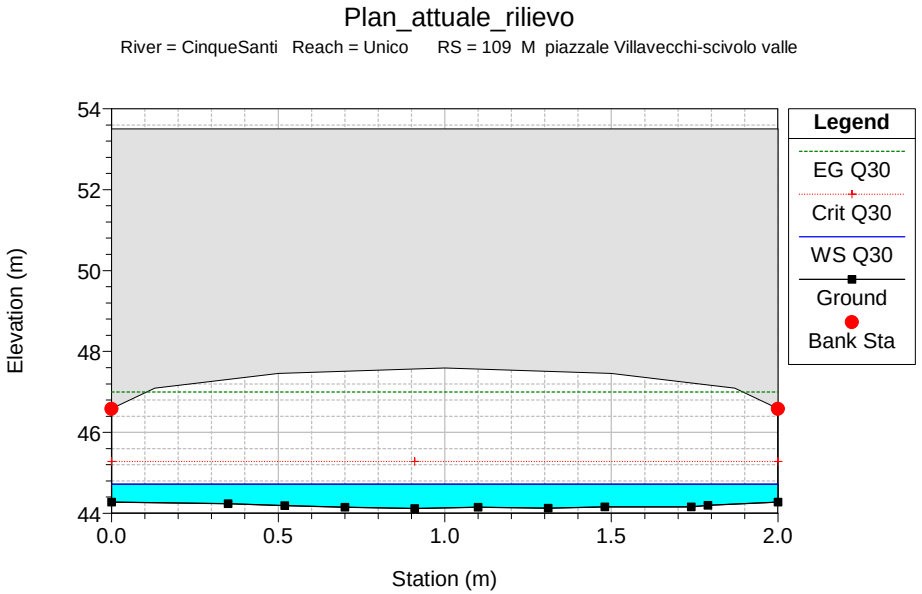


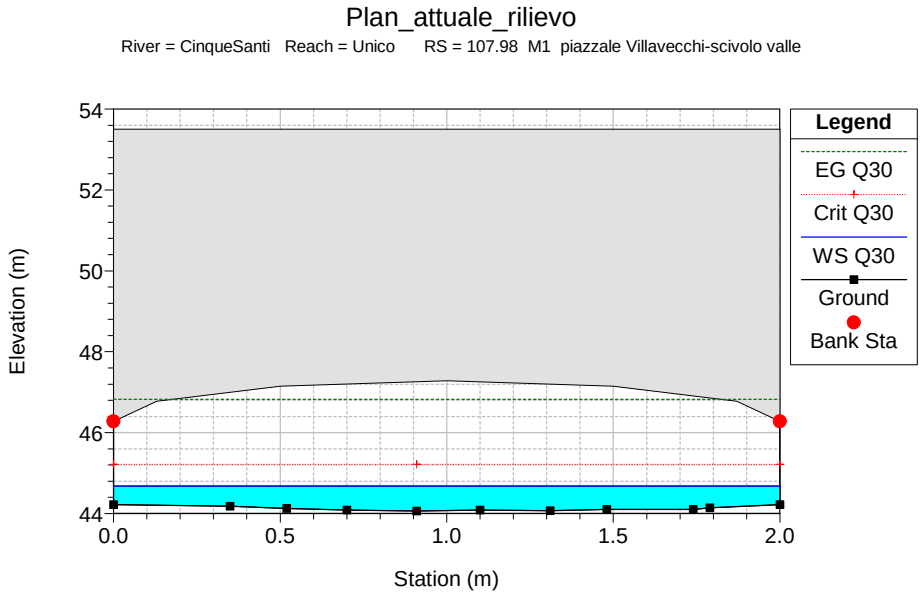
Plan_attuale_rilievo

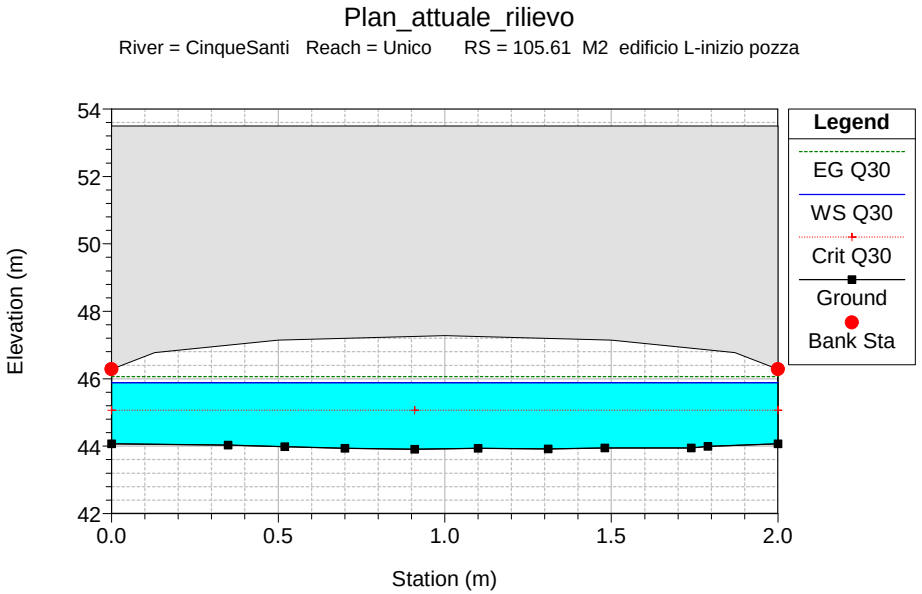
River = CinqueSanti Reach = Unico RS = 110.05 O3 piazzale Villavecchi-fine pozza

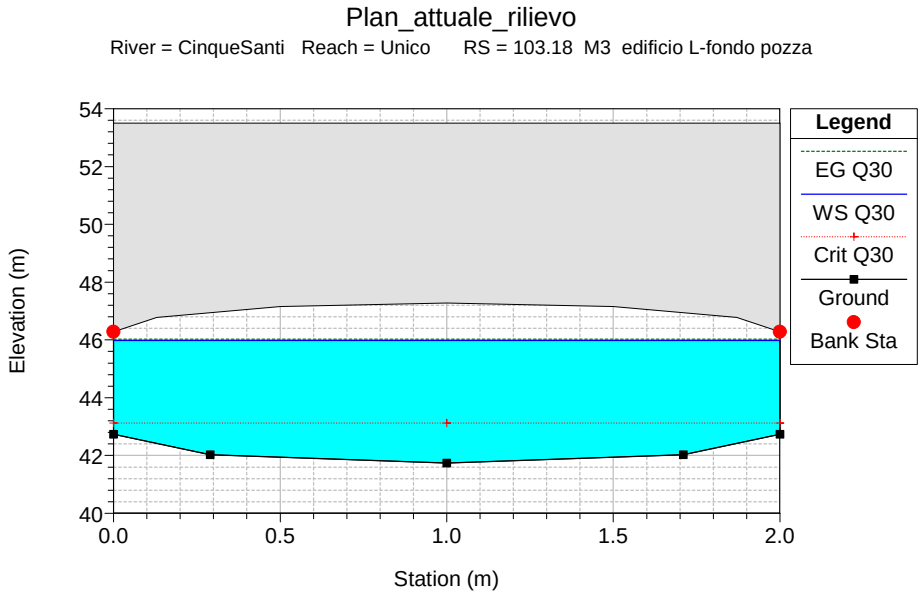


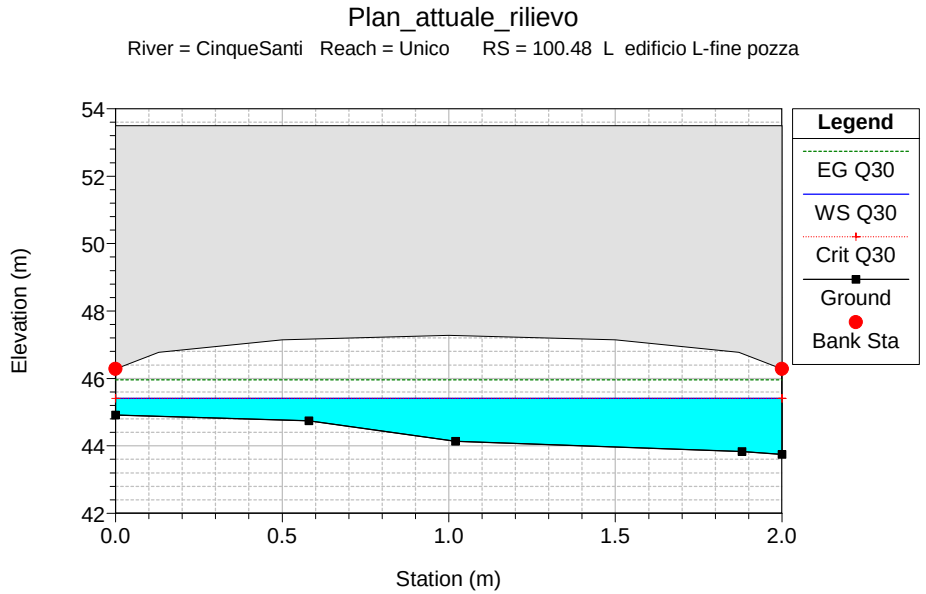

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 109.33 N piazzale Villavecchi-scivolo monte
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)

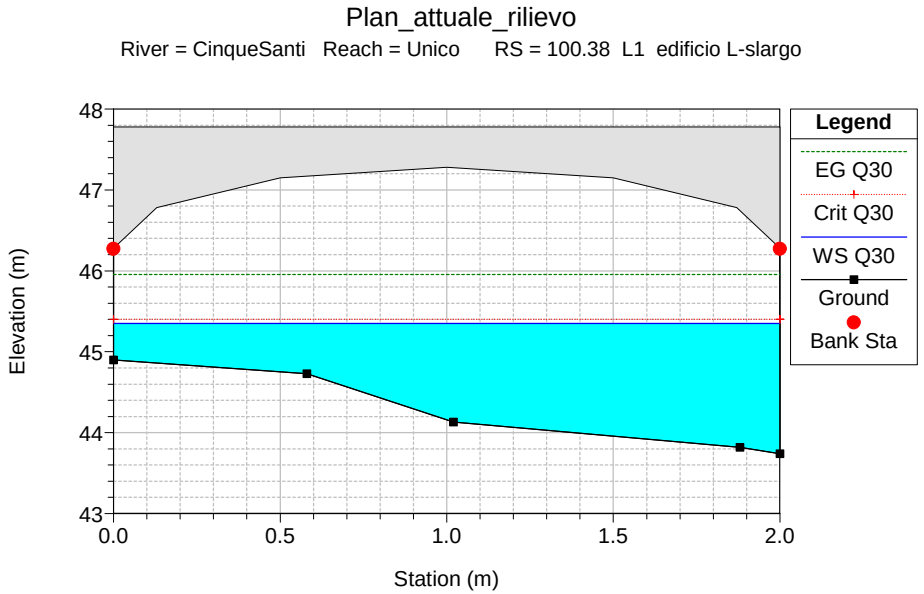

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 109 M piazzale Villavecchi-scivolo valle
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)

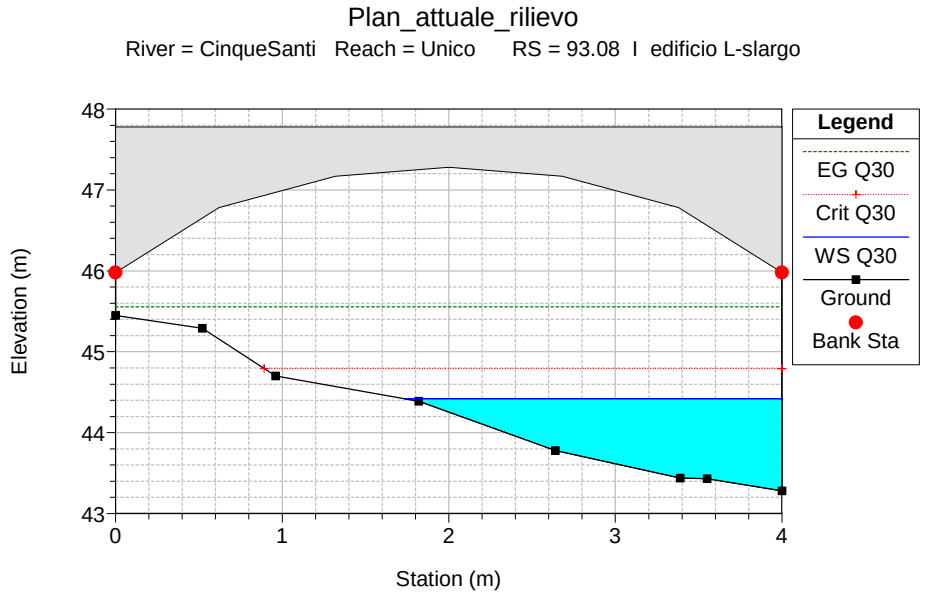

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 107.98 M1 piazzale Villavecchi-scivolo valle
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)

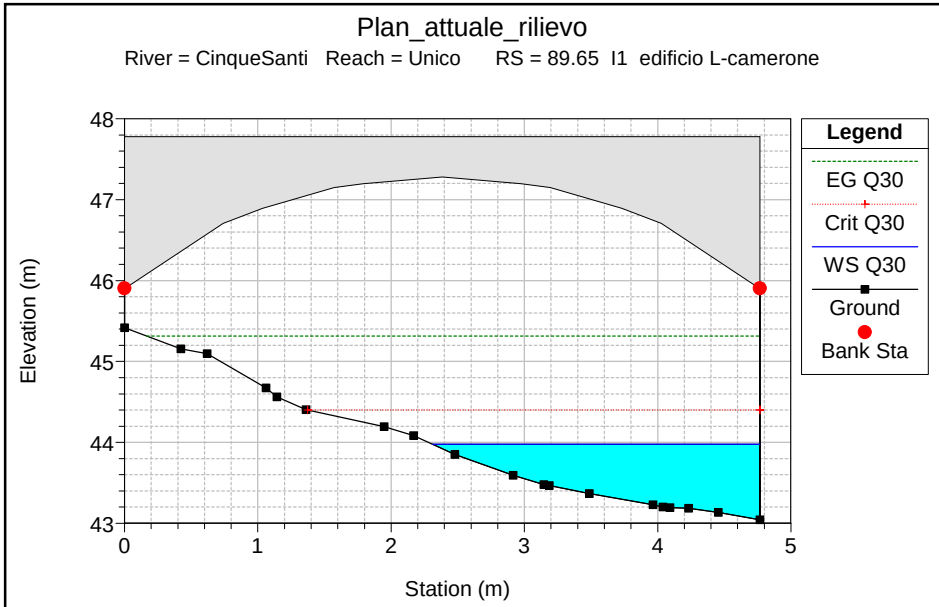

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 105.61 M2 edificio L-inizio pozza
Legend
EG Q30
WS Q30
Crit Q30
Ground
Bank Sta
Elevation (m)
Station (m)

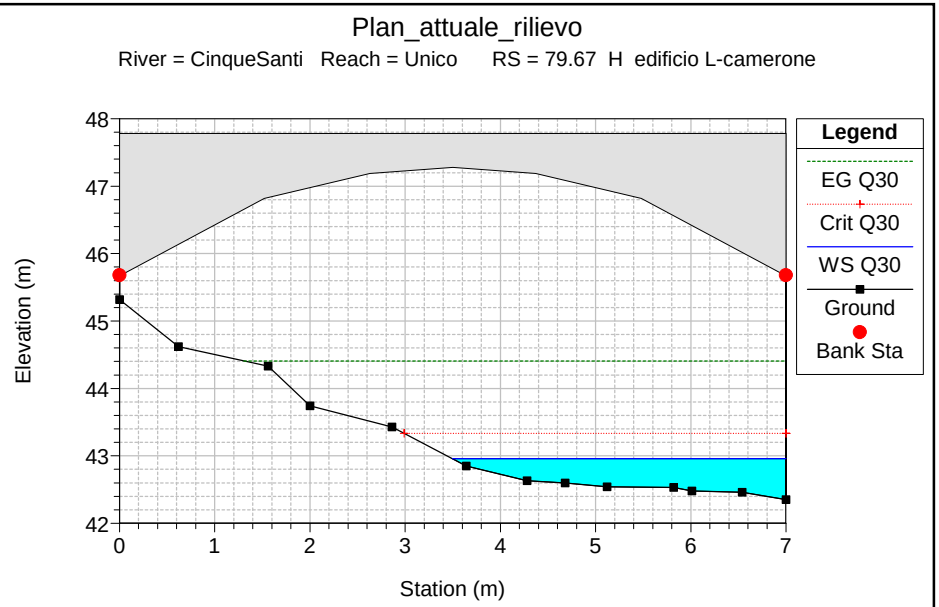

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 103.18 M3 edificio L-fondo pozza
Elevation (m)
Station (m)
Legend
EG Q30
WS Q30
Crit Q30
Ground
Bank Sta

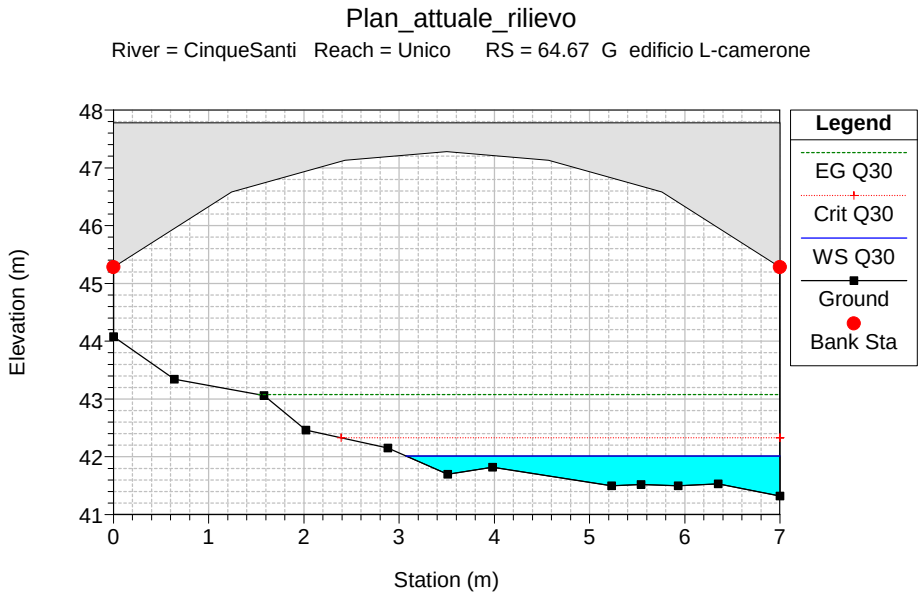

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 100.48 L edificio L-fine pozza
Elevation (m)
Station (m)
Legend
EG Q30
WS Q30
Crit Q30
Ground
Bank Sta

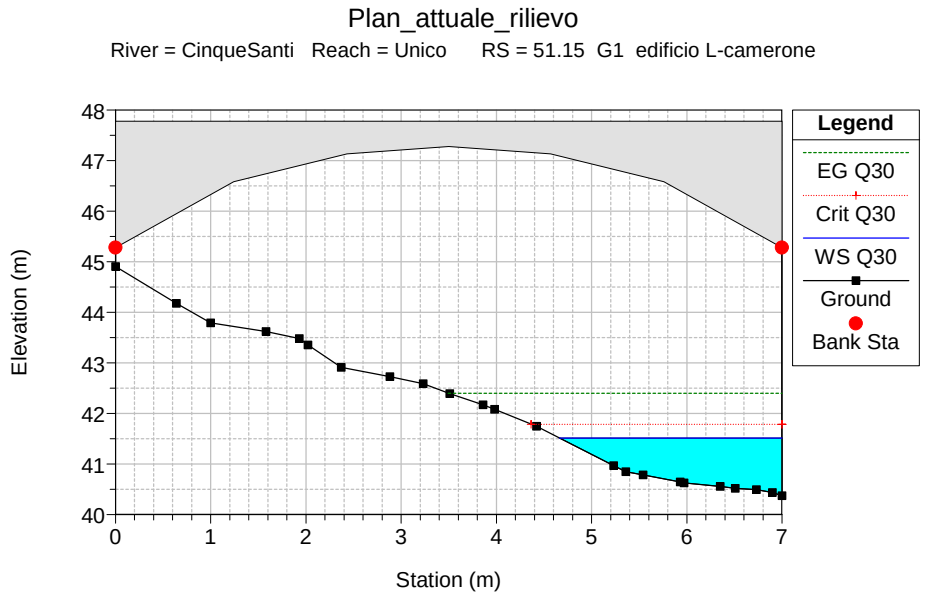

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 100.38 L1 edificio L-slargo
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

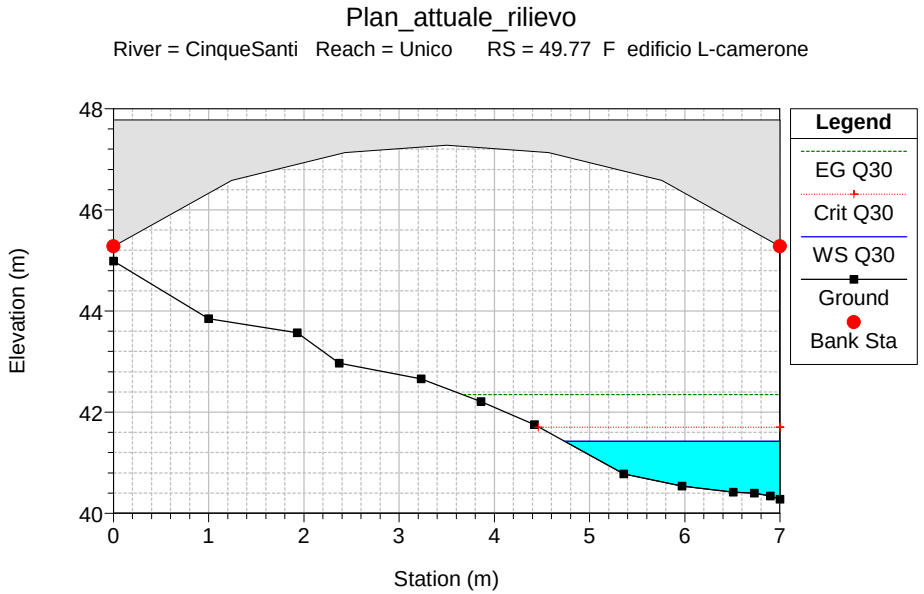

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 93.08 I edificio L-slargo
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

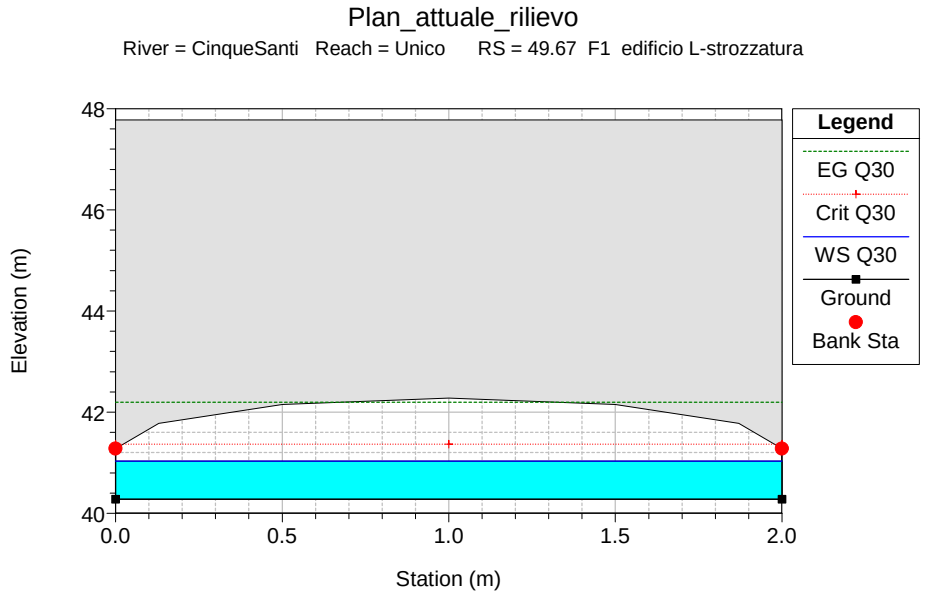

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 89.65 I1 edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

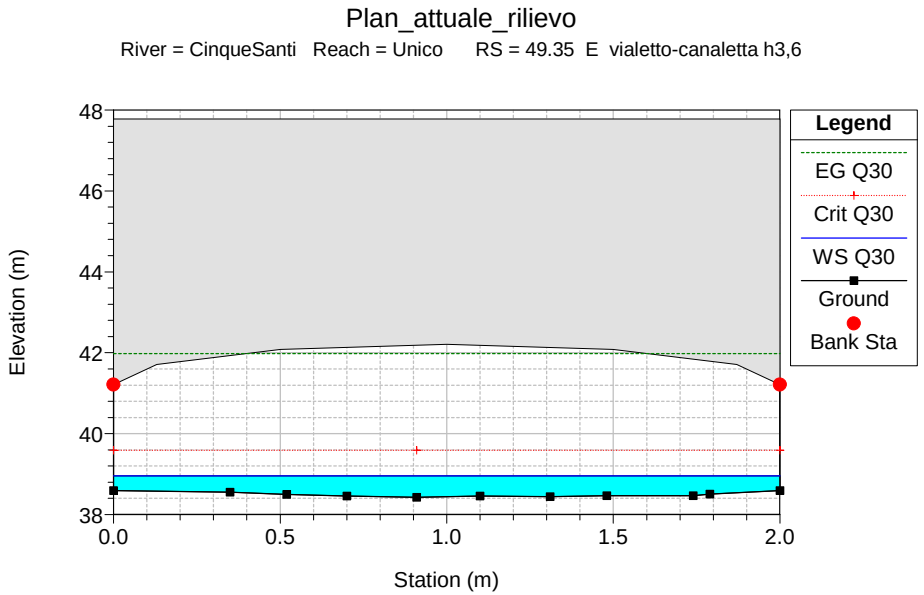

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 79.67 H edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

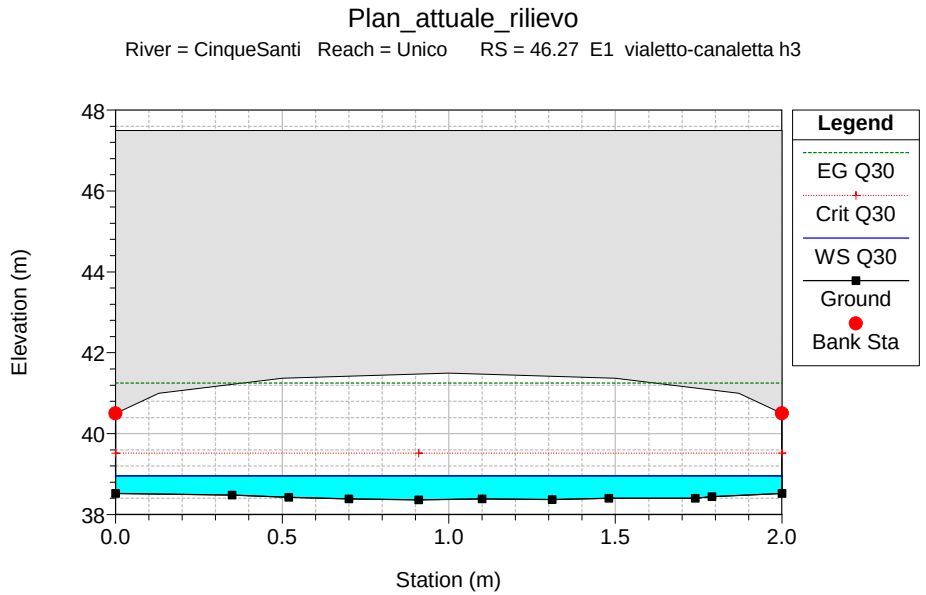

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 64.67 G edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

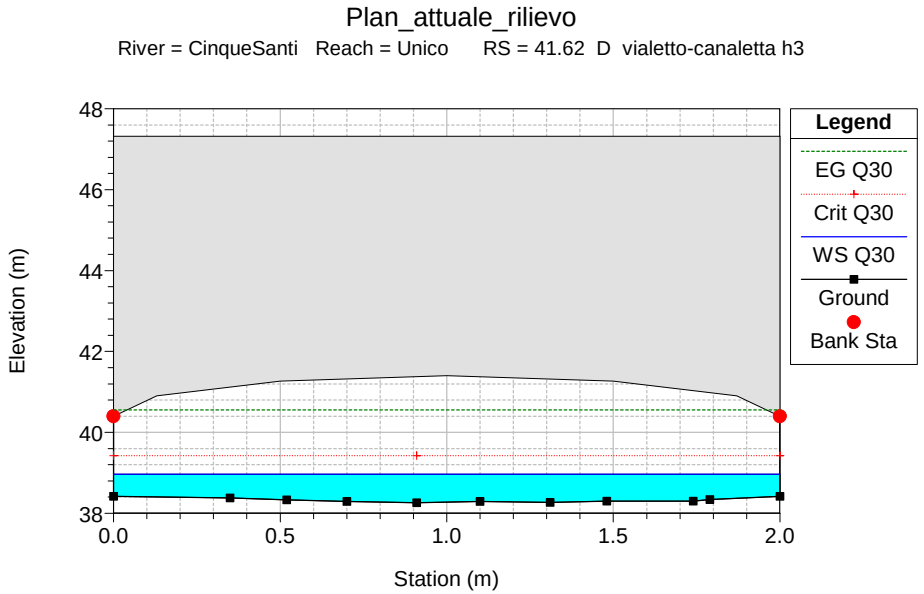

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 51.15 G1 edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

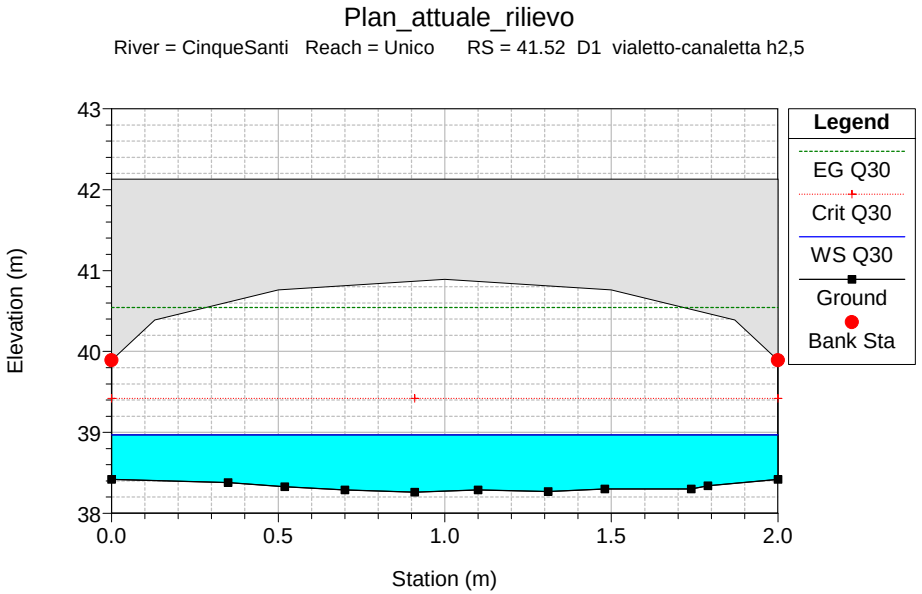

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.77 F edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

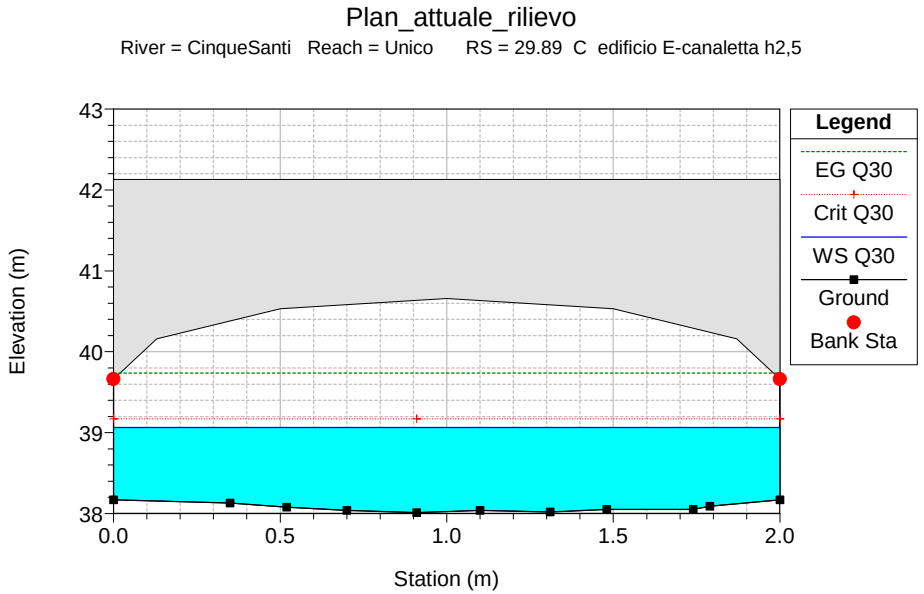

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.67 F1 edificio L-strozzatura
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

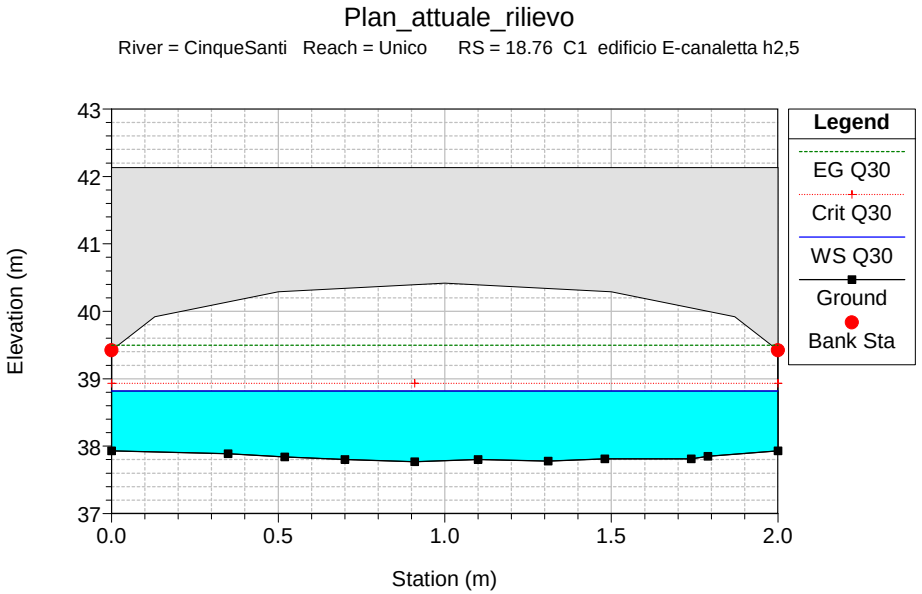

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.35 E vialetto-canaletta h3,6
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

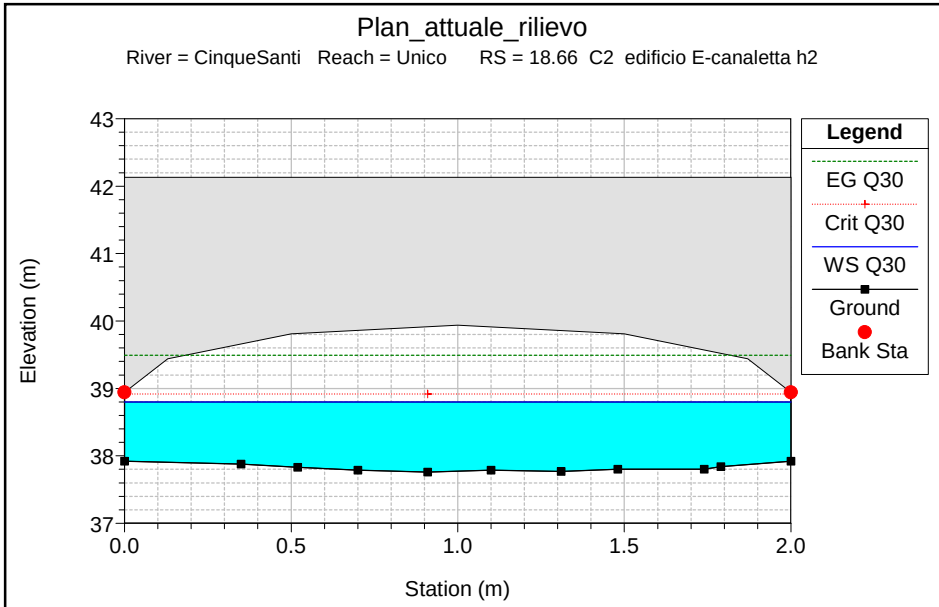

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 46.27 E1 vialetto-canaletta h3
Elevation (m)
Station (m)
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta

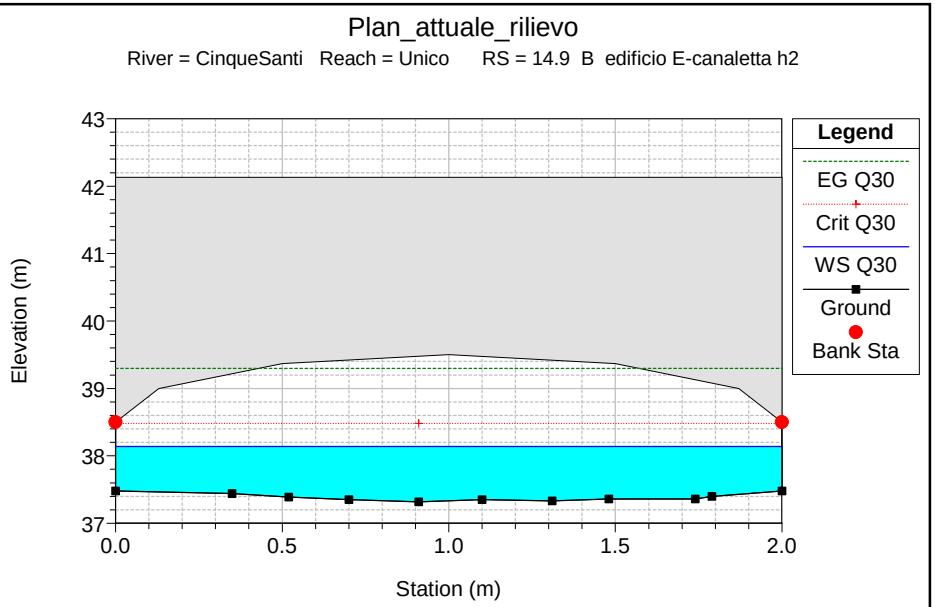

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 41.62 D vialetto-canaletta h3
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
48
46
44
42
40
38
0.0
0.5
1.0
1.5
2.0

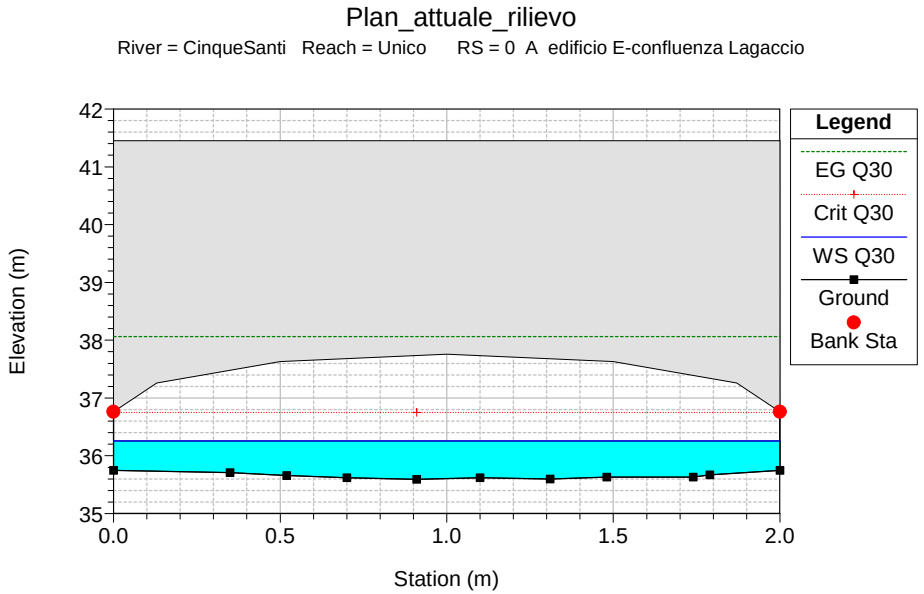

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 41.52 D1 vialetto-canaletta h2,5
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
0.0
0.5
1.0
1.5
2.0

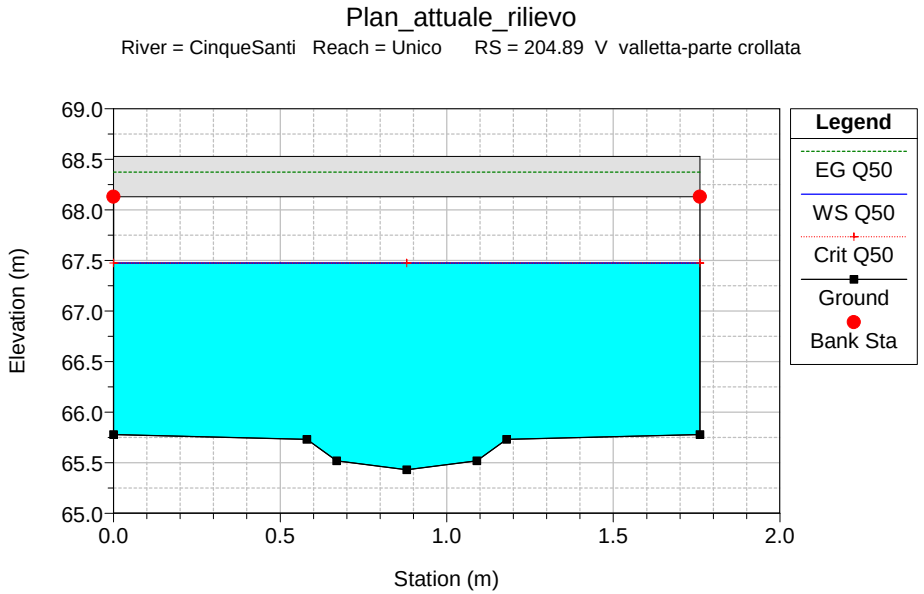

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 29.89 C edificio E-canaletta h2,5
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
0.0
0.5
1.0
1.5
2.0

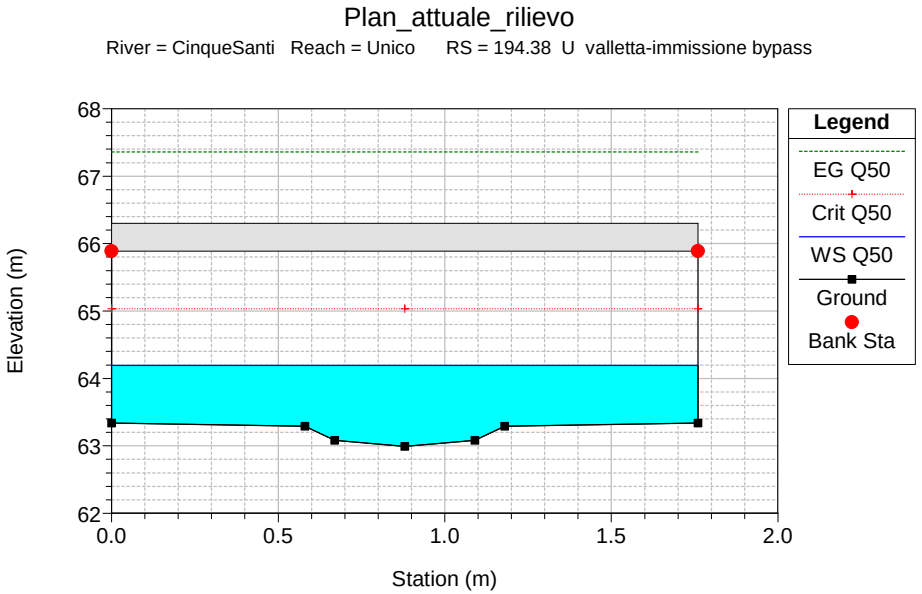

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 18.76 C1 edificio E-canaletta h2,5
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0

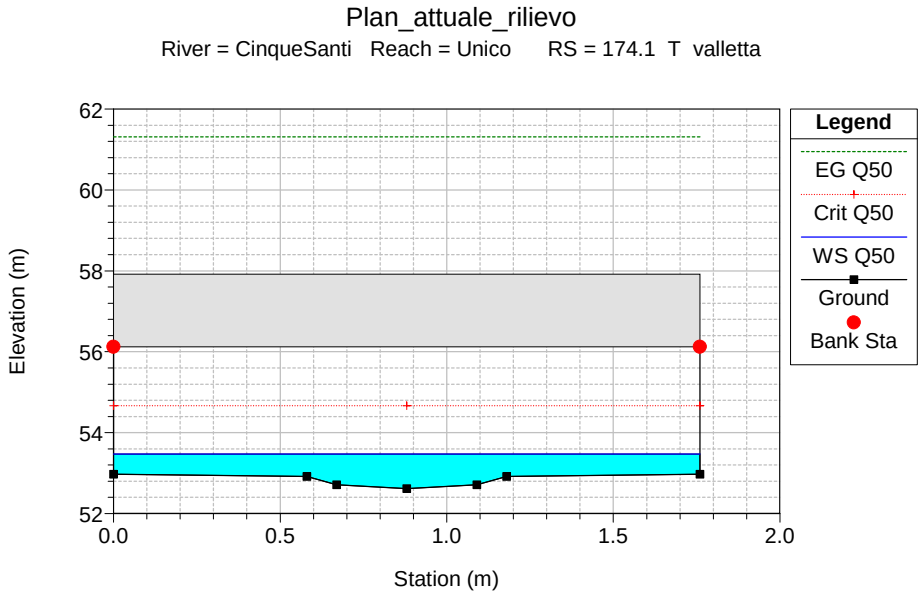

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 18.66 C2 edificio E-canaletta h2
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0

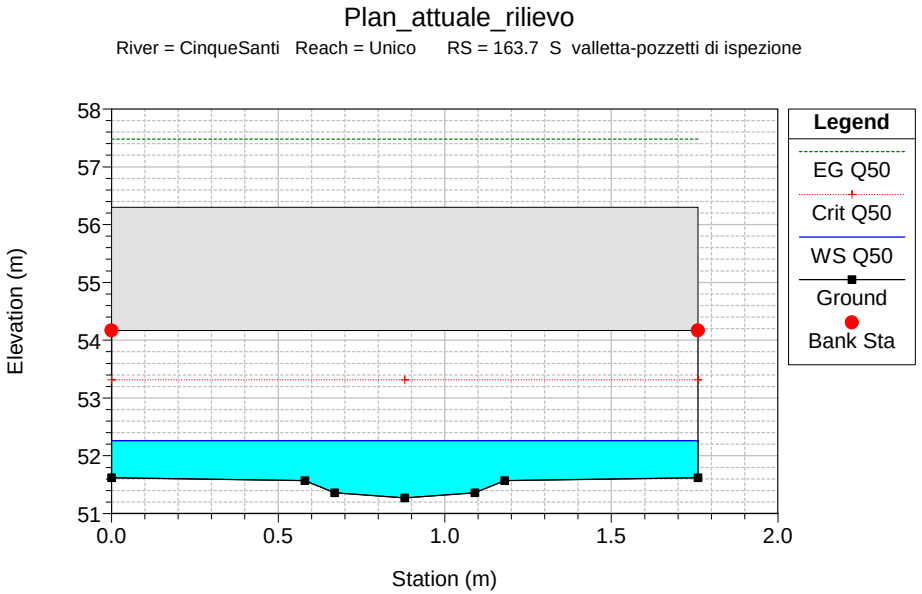

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 14.9 B edificio E-canaletta h2
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0

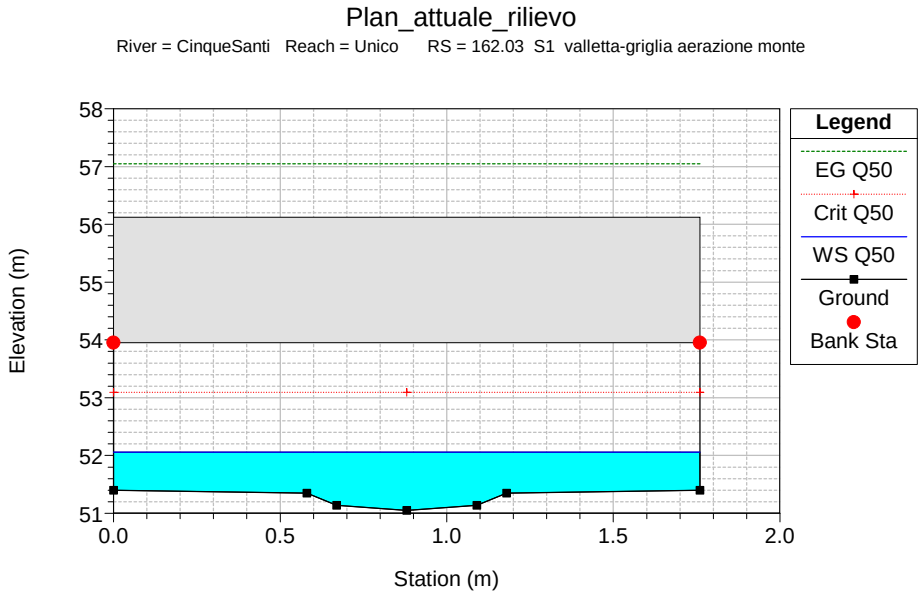

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 0 A edificio E-confluenza Lagaccio
Legend
EG Q30
Crit Q30
WS Q30
Ground
Bank Sta
Elevation (m)
Station (m)
42
41
40
39
38
37
36
35
0.0
0.5
1.0
1.5
2.0

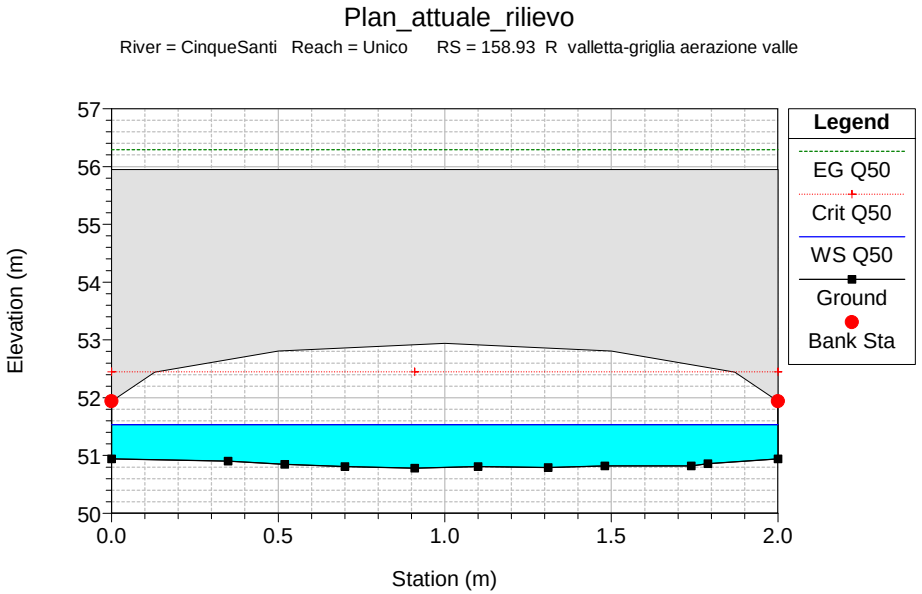

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 204.89 V valletta-parte crollata
Elevation (m)
Station (m)
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta

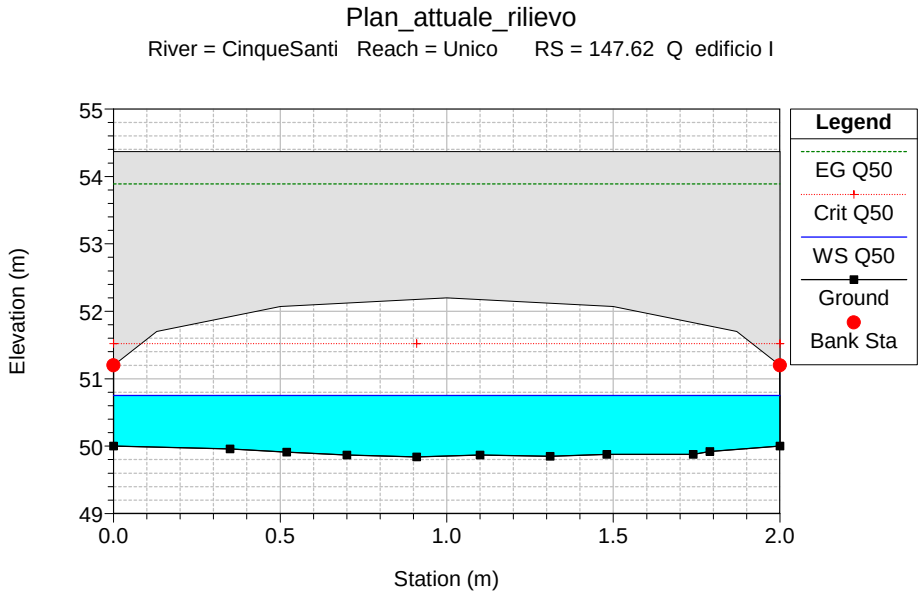

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 194.38 U valletta-immissione bypass
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

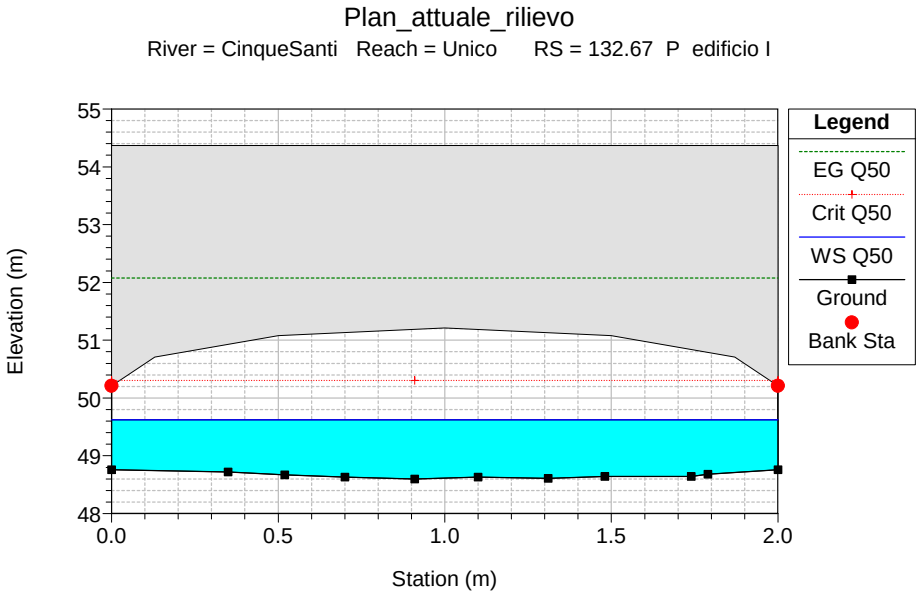

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 174.1 T valletta
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 163.7 S valletta-pozzetti di ispezione
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 162.03 S1 valletta-griglia aerazione monte
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

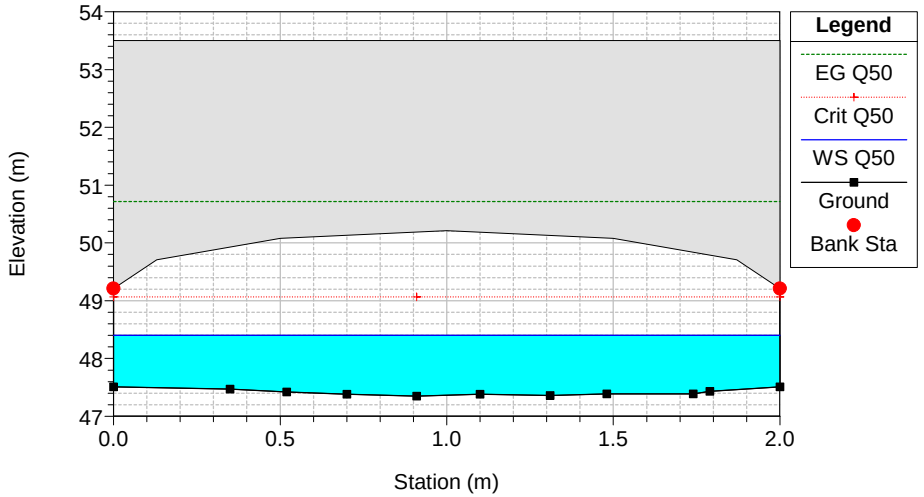

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 158.93 R valletta-griglia aerazione valle
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 147.62 Q edificio I
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 132.67 P edificio I
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

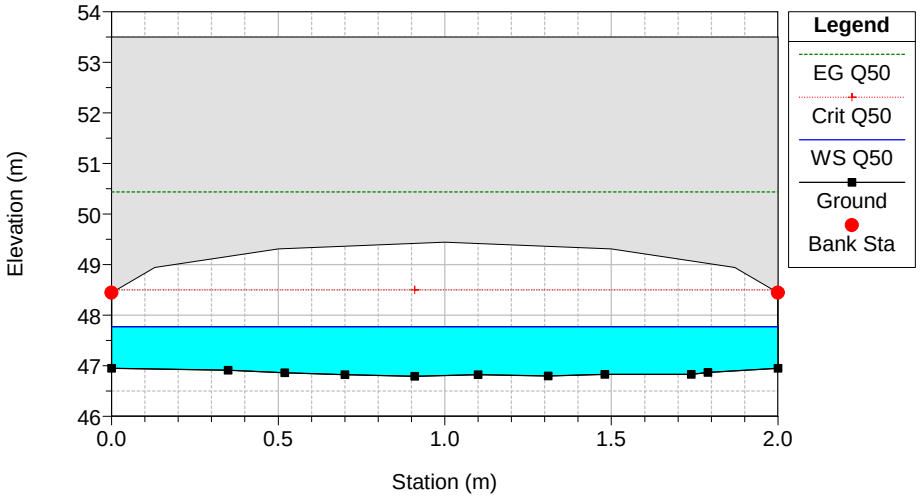
Plan_attuale_rilievo

River = CinqueSanti Reach = Unico RS = 117.72 O piazzale Villavecchi-pozzetto



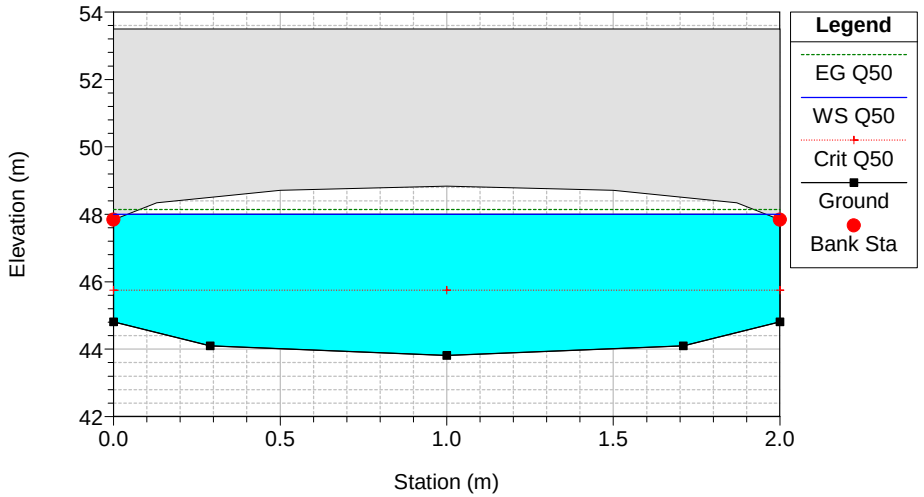
Plan_attuale_rilievo

River = CinqueSanti Reach = Unico RS = 115.15 O1 piazzale Villavecchi-inizio pozza



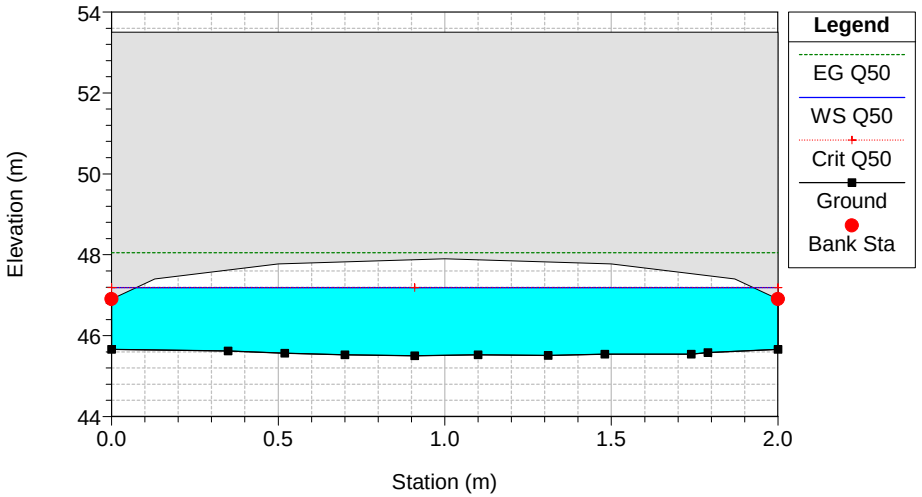
Plan_attuale_rilievo

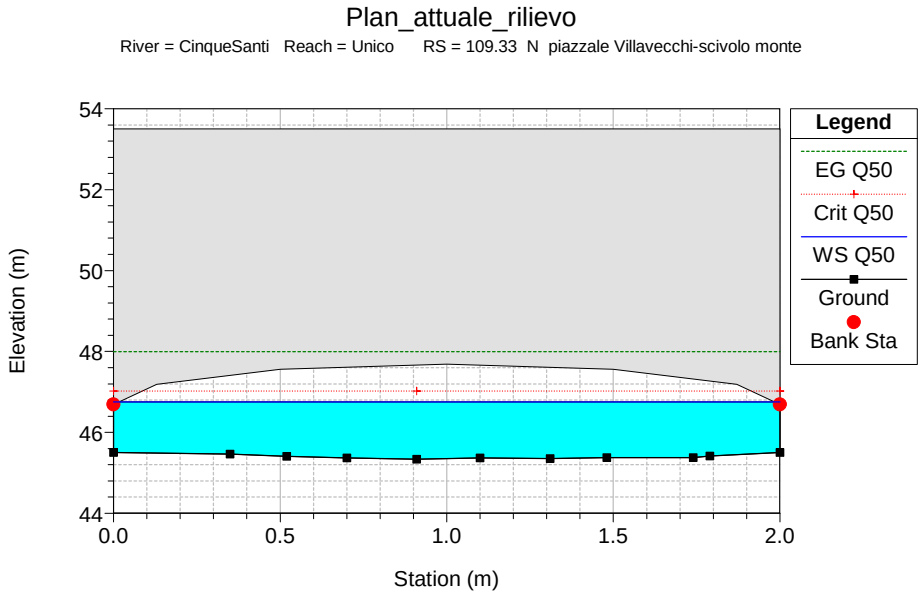
River = CinqueSanti Reach = Unico RS = 113.16 O2 piazzale Villavecchi-fondo pozza

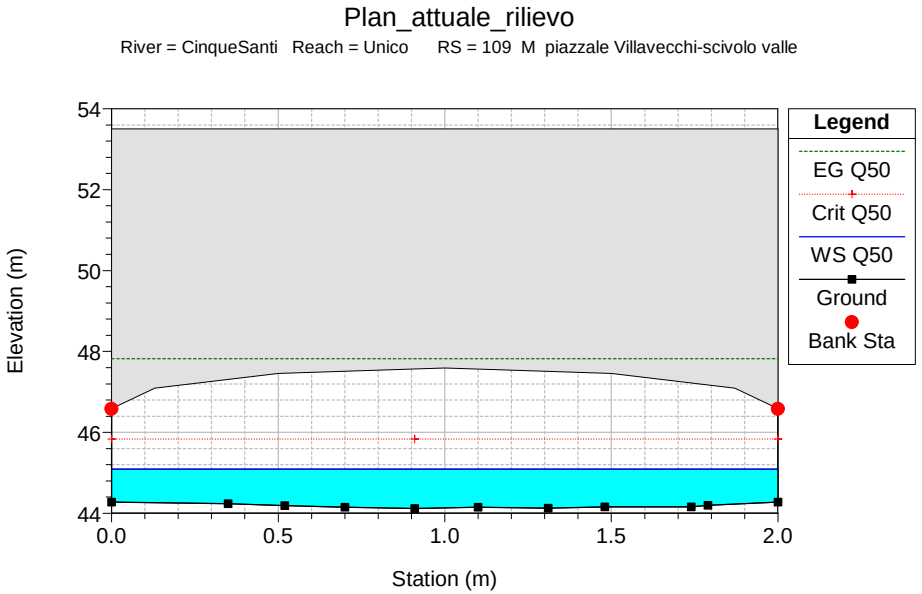


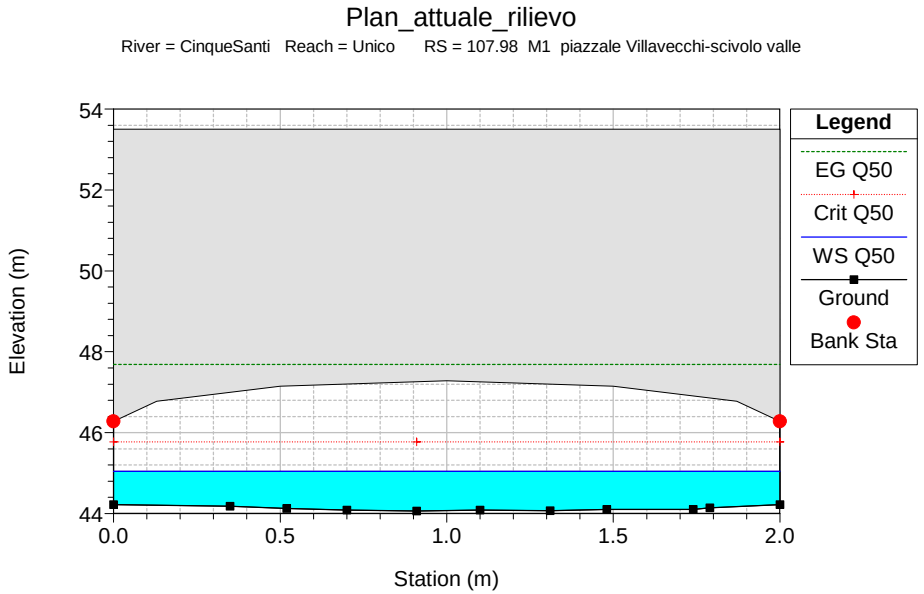
Plan_attuale_rilievo

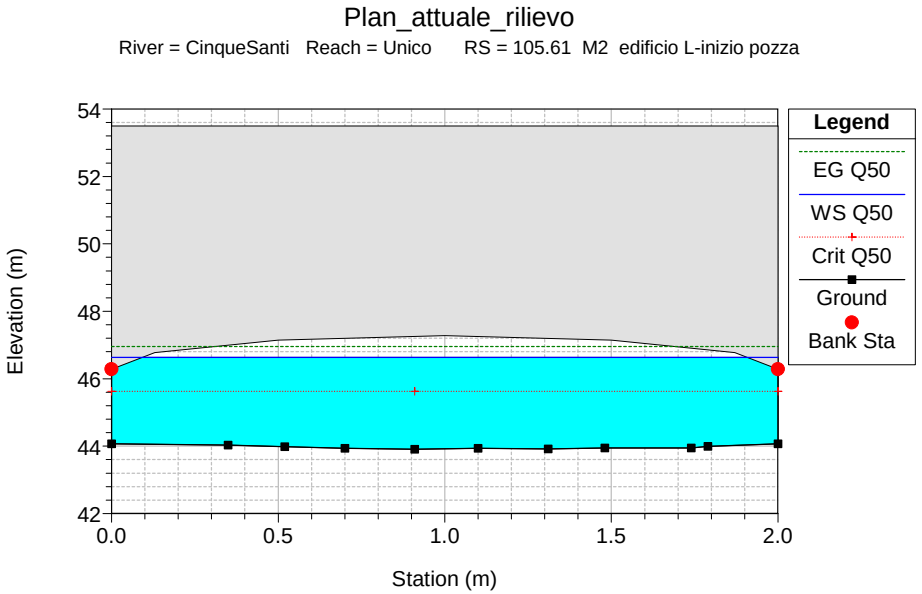
River = CinqueSanti Reach = Unico RS = 110.05 O3 piazzale Villavecchi-fine pozza

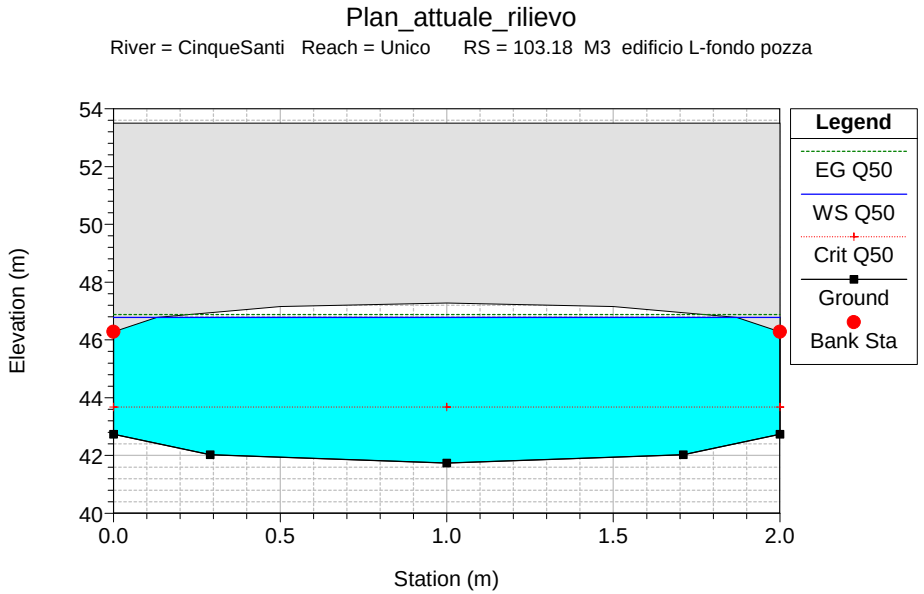


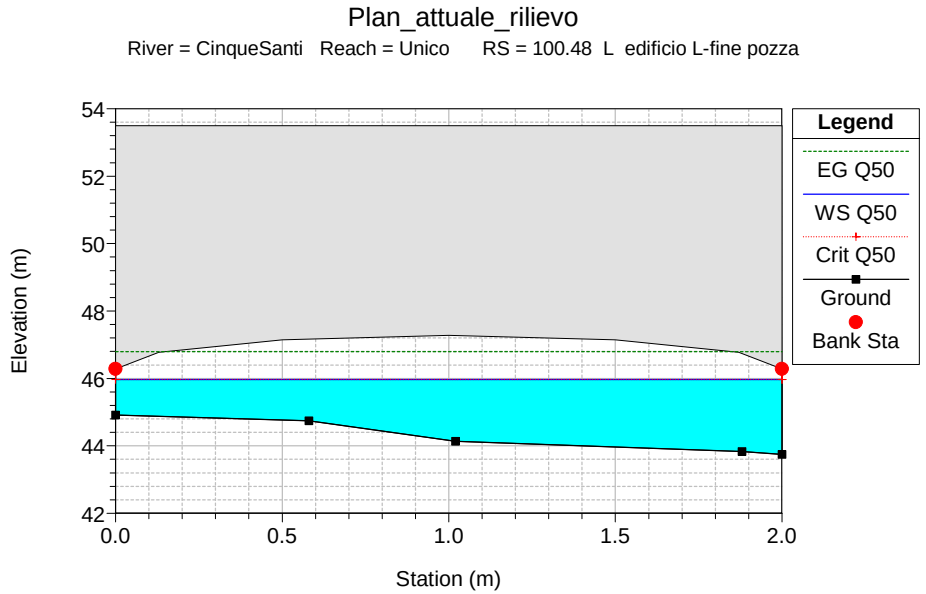

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 109.33 N piazzale Villavecchi-scivolo monte
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
54
52
50
48
46
44
0.0
0.5
1.0
1.5
2.0

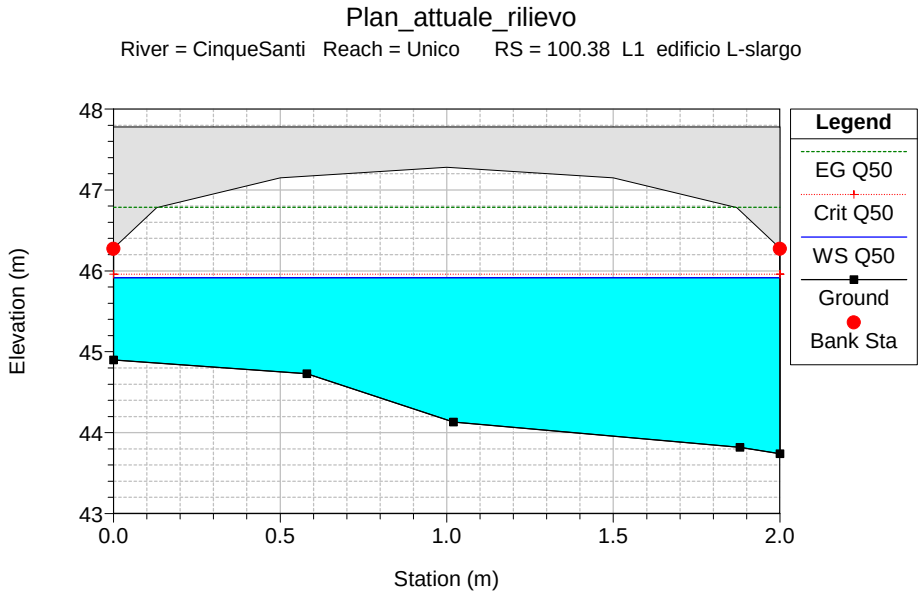

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 109 M piazzale Villavecchi-scivolo valle
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
54
52
50
48
46
44
0.0
0.5
1.0
1.5
2.0

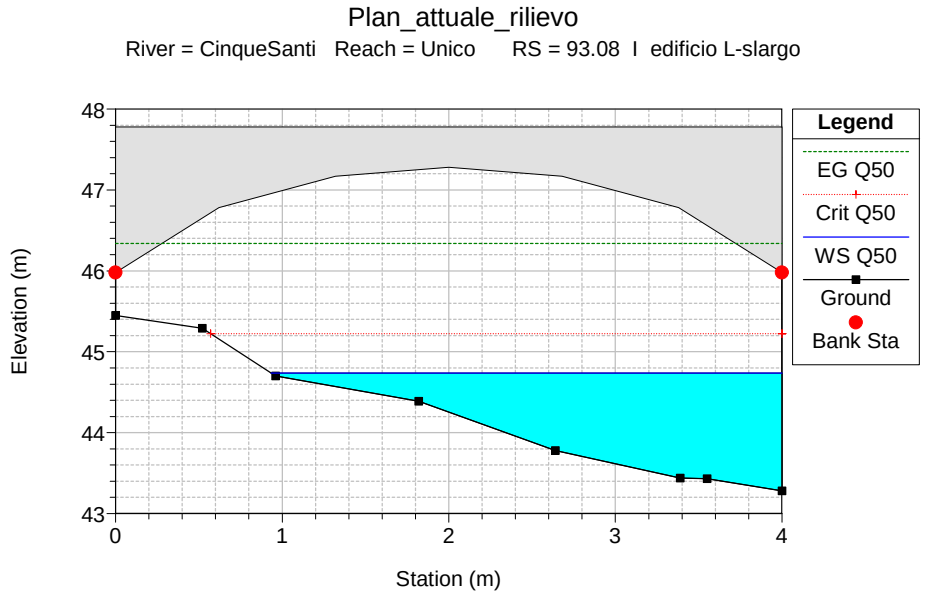

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 107.98 M1 piazzale Villavecchi-scivolo valle
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
54
52
50
48
46
44
0.0
0.5
1.0
1.5
2.0

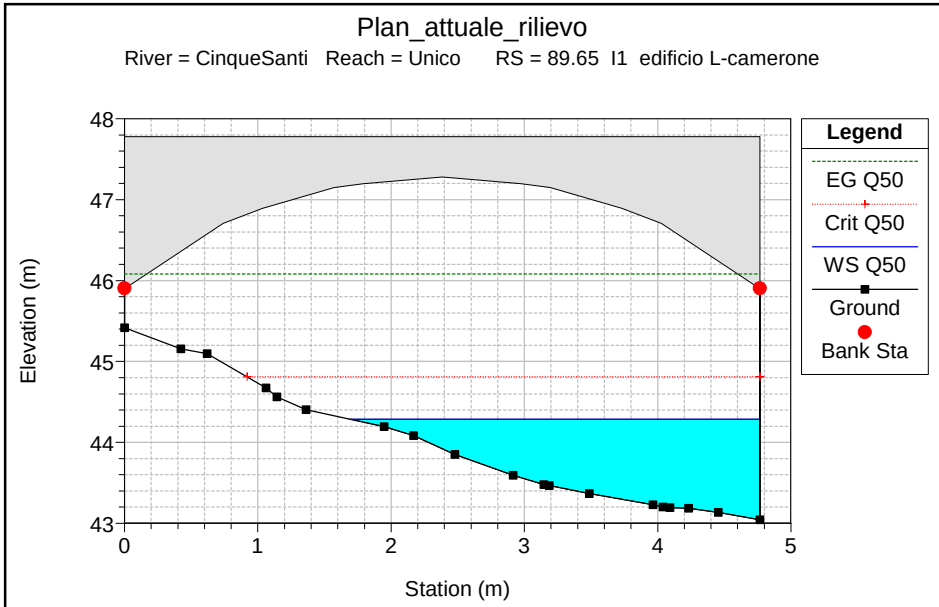

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 105.61 M2 edificio L-inizio pozza
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta
Elevation (m)
Station (m)
54
52
50
48
46
44
42
0.0
0.5
1.0
1.5
2.0

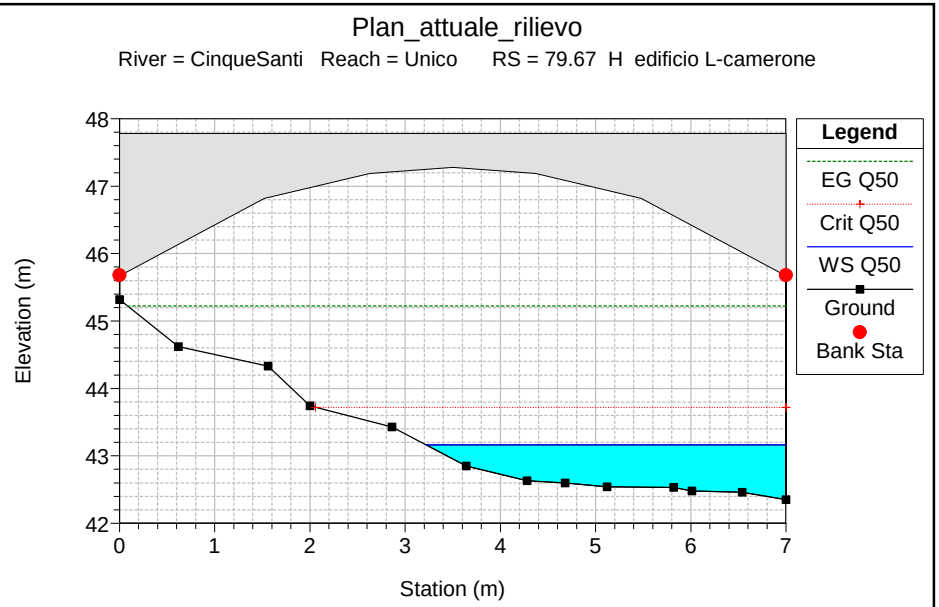

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 103.18 M3 edificio L-fondo pozza
Elevation (m)
Station (m)
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta

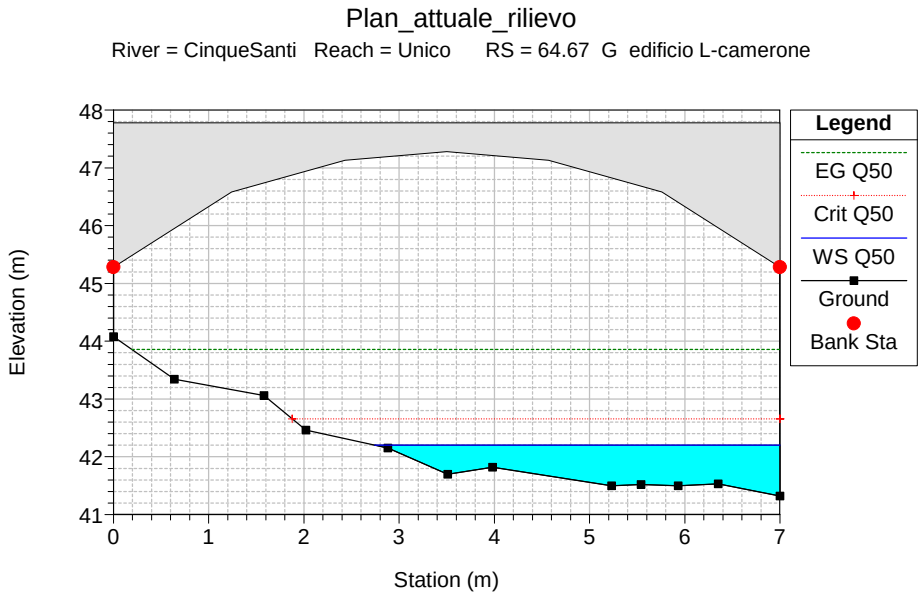

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 100.48 L edificio L-fine pozza
Elevation (m)
Station (m)
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta

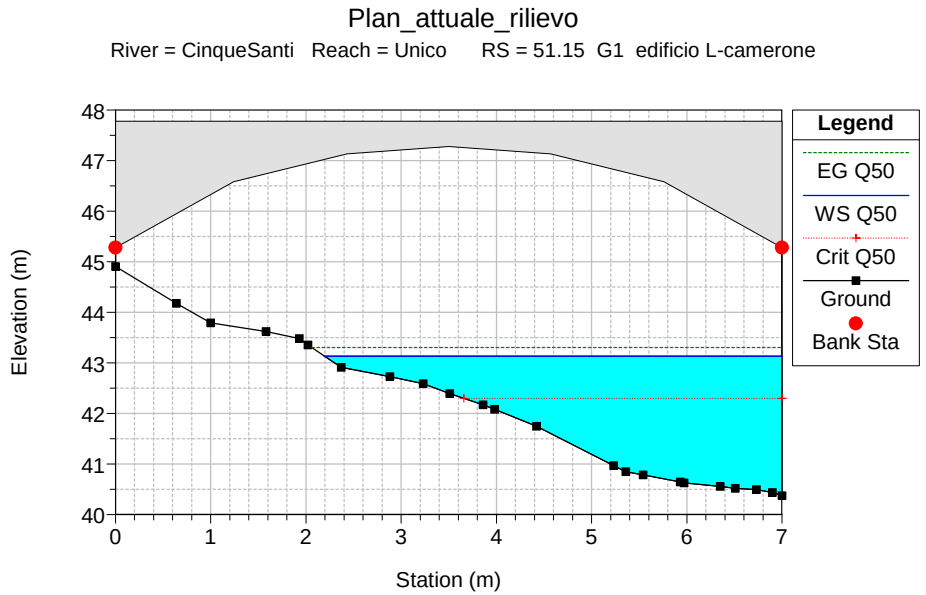

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 100.38 L1 edificio L-slargo
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

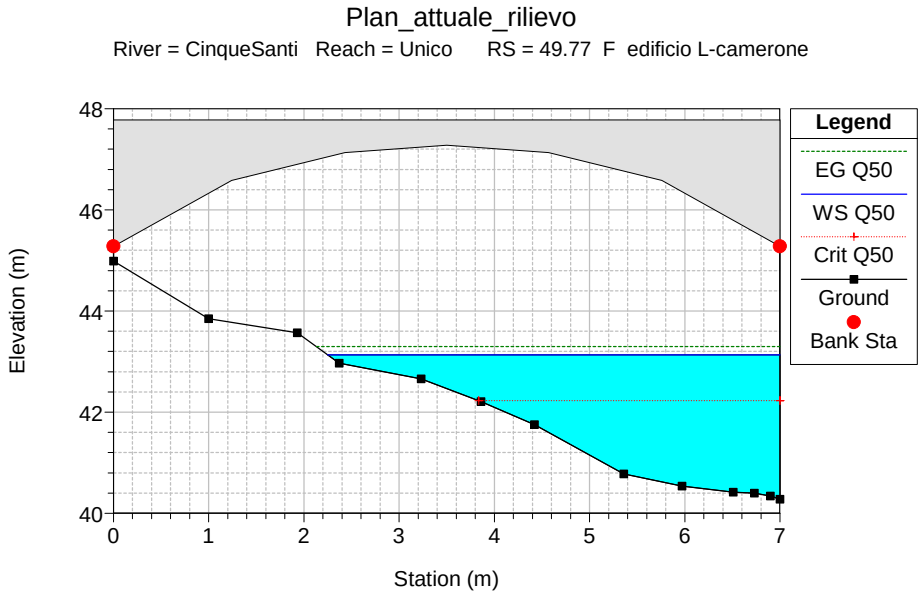

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 93.08 I edificio L-slargo
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

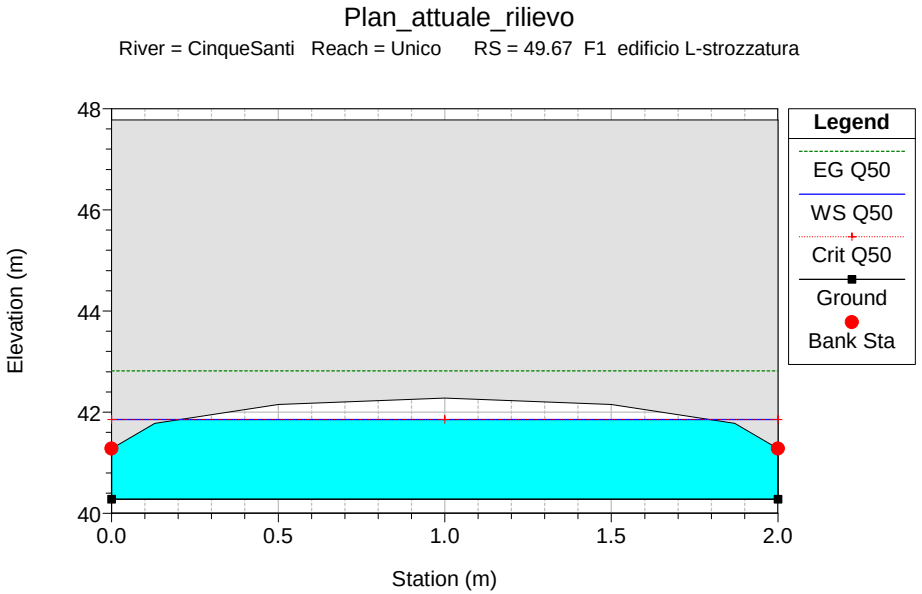

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 89.65 I1 edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

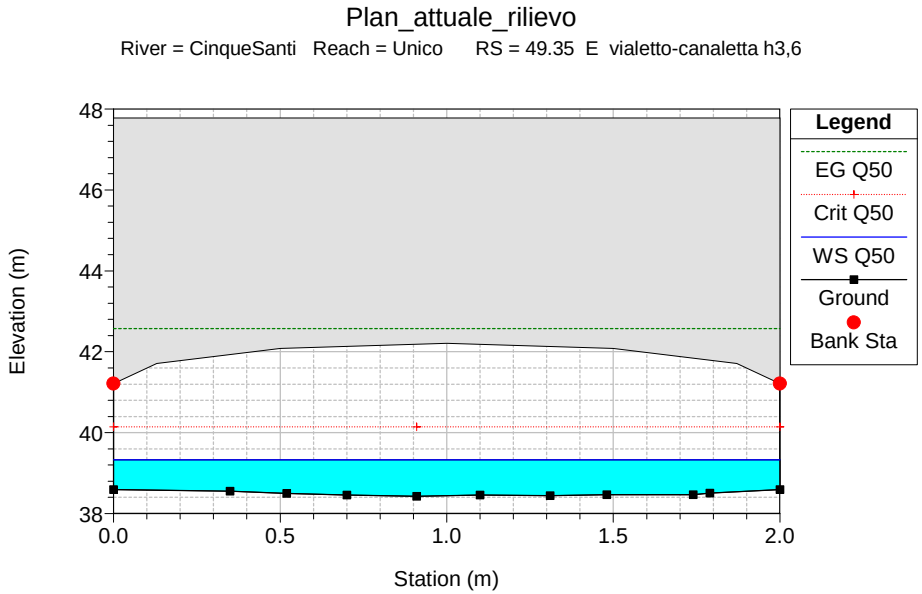

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 79.67 H edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

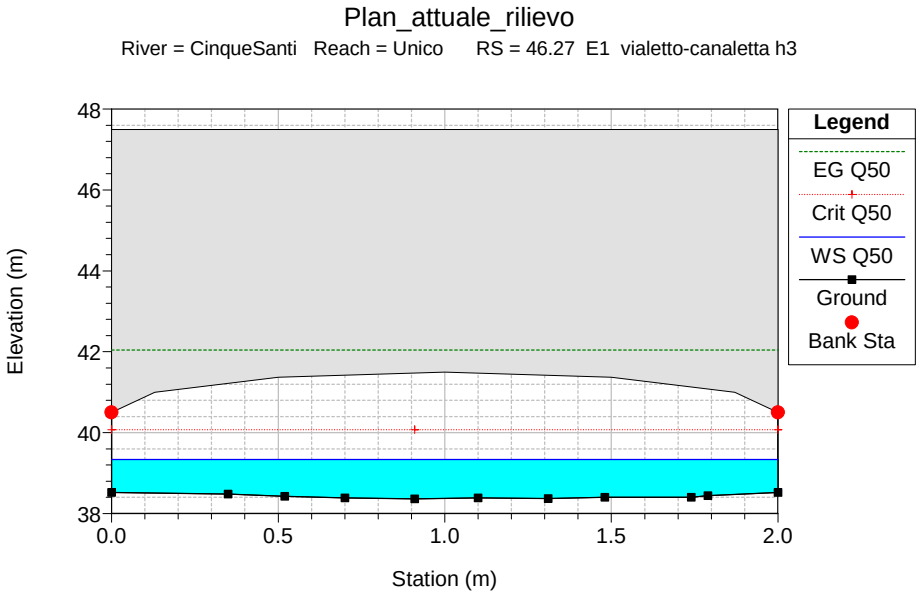

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 64.67 G edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

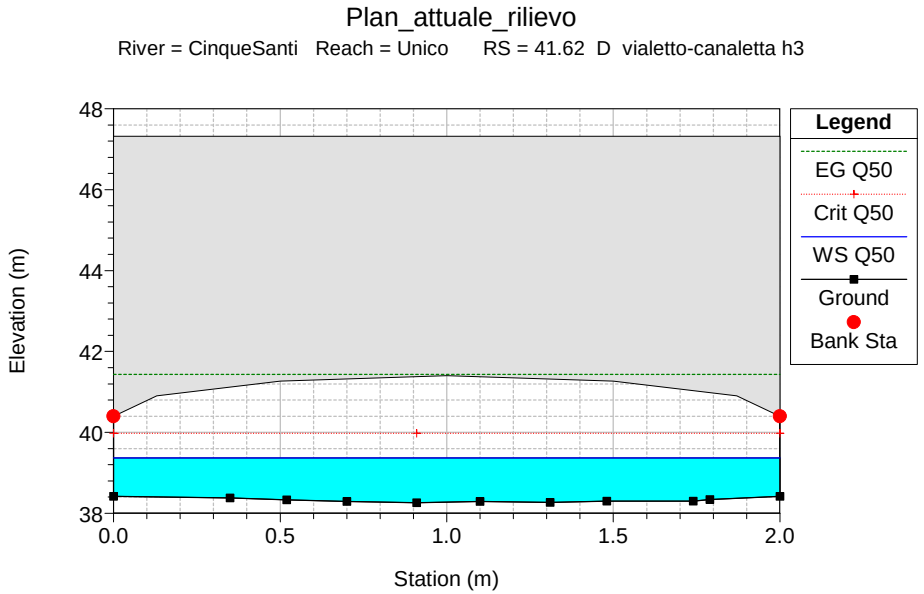

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 51.15 G1 edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta

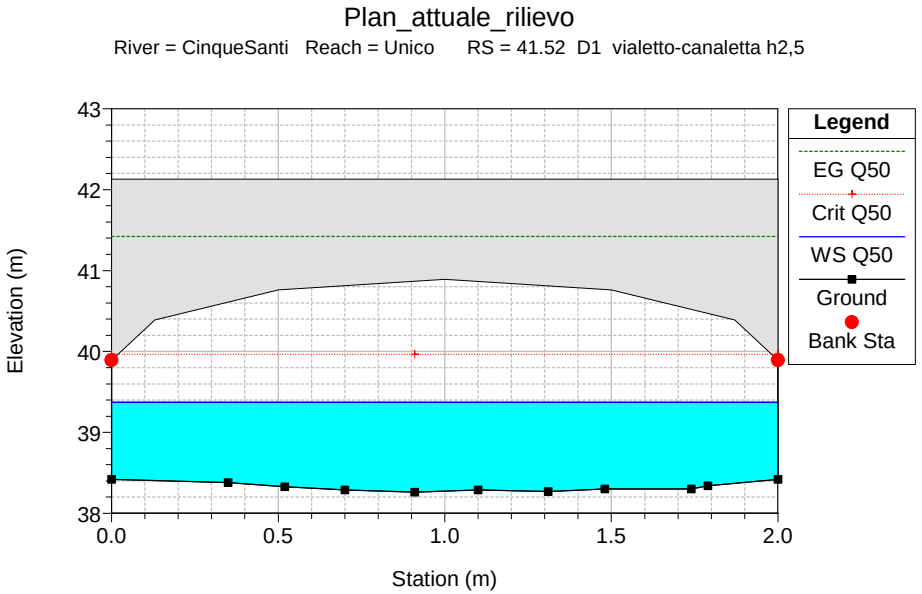

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.77 F edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta

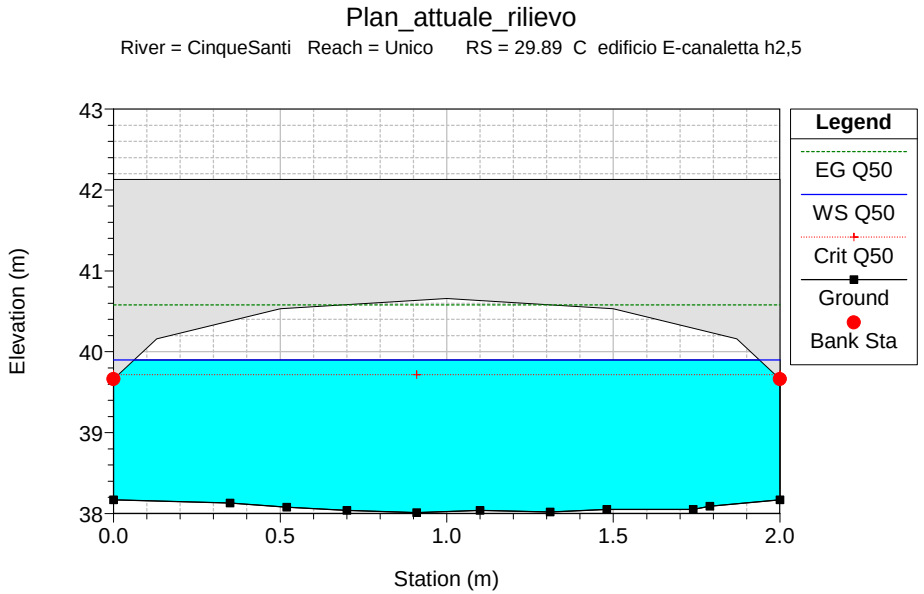

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.67 F1 edificio L-strozzatura
Elevation (m)
Station (m)
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta

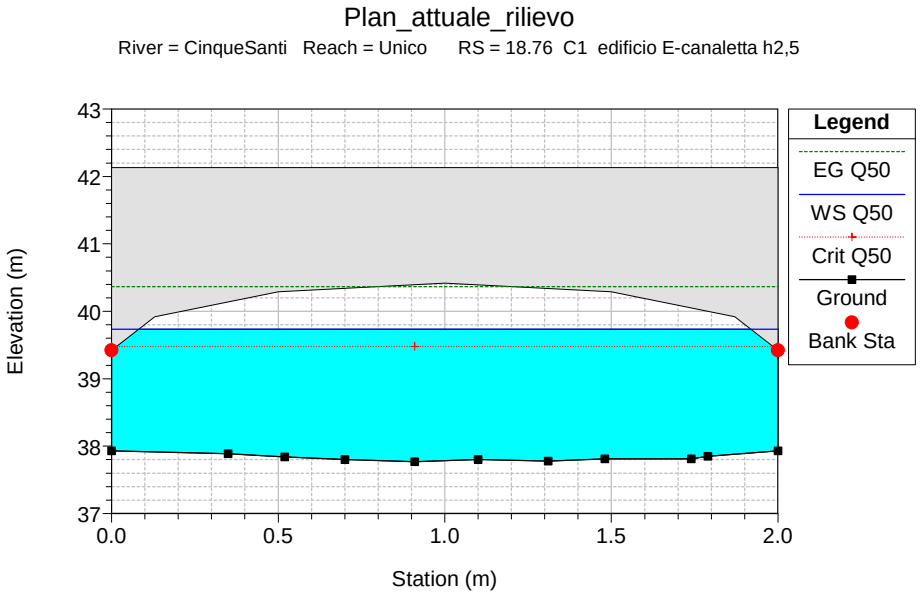

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.35 E vialetto-canaletta h3,6
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

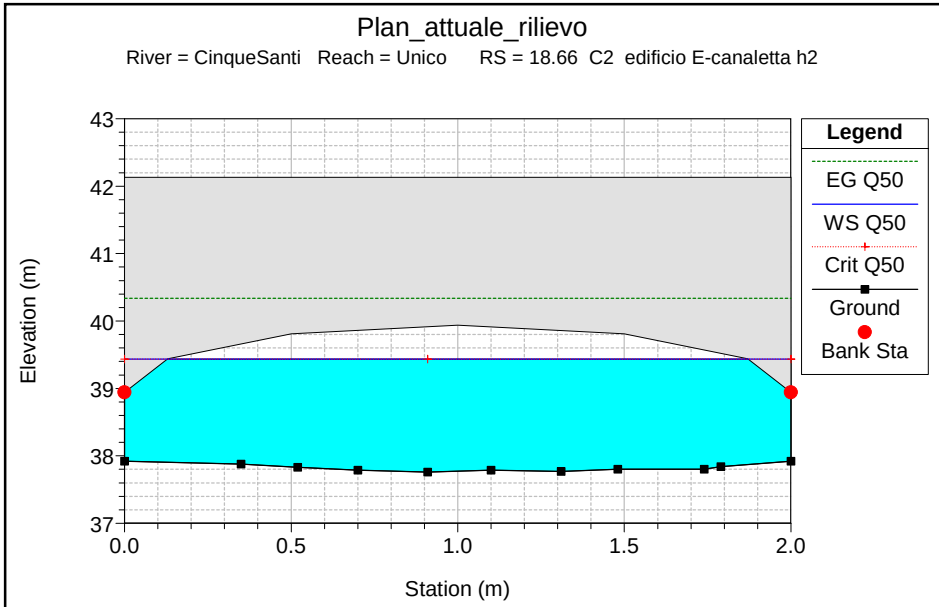

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 46.27 E1 vialetto-canaletta h3
Elevation (m)
Station (m)
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta

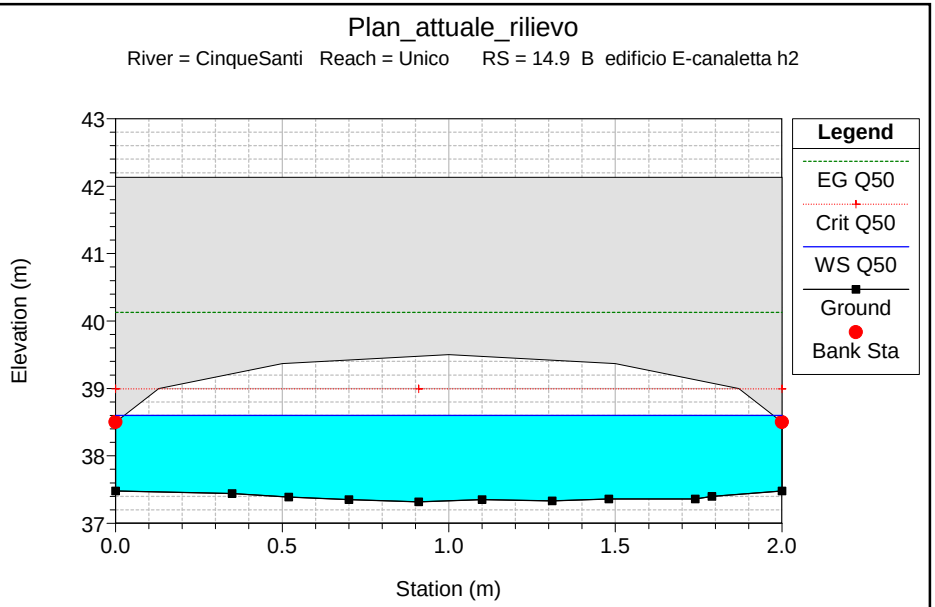

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 41.62 D vialetto-canaletta h3
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
48
46
44
42
40
38
0.0
0.5
1.0
1.5
2.0

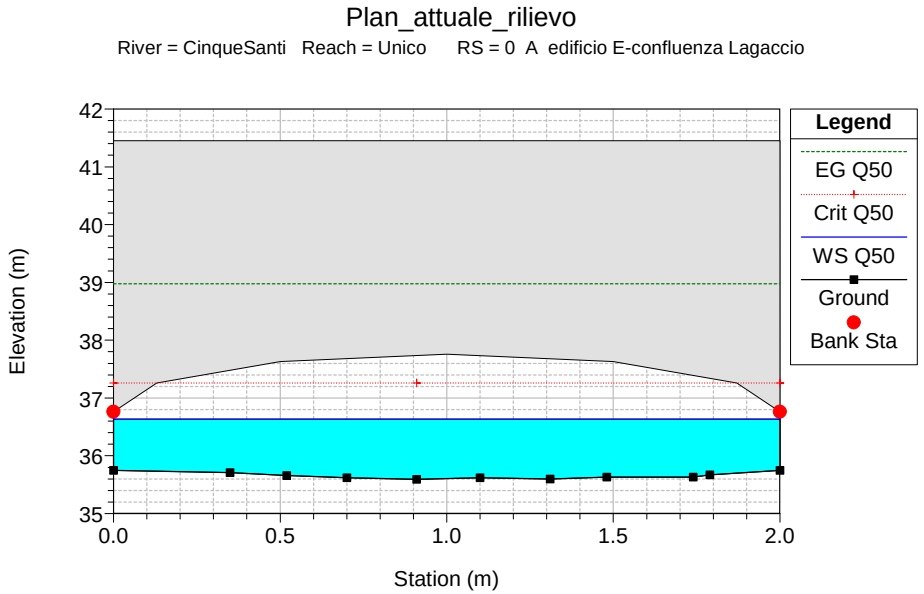

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 41.52 D1 vialetto-canaletta h2,5
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 29.89 C edificio E-canaletta h2,5
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 18.76 C1 edificio E-canaletta h2,5
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 18.66 C2 edificio E-canaletta h2
Legend
EG Q50
WS Q50
Crit Q50
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 14.9 B edificio E-canaletta h2
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 0 A edificio E-confluenza Lagaccio
Legend
EG Q50
Crit Q50
WS Q50
Ground
Bank Sta
Elevation (m)
Station (m)
42
41
40
39
38
37
36
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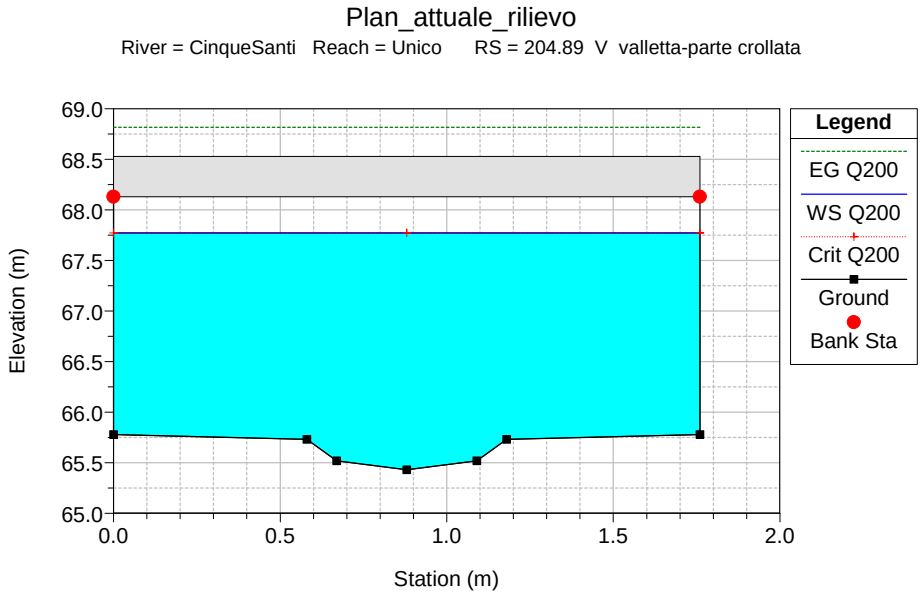
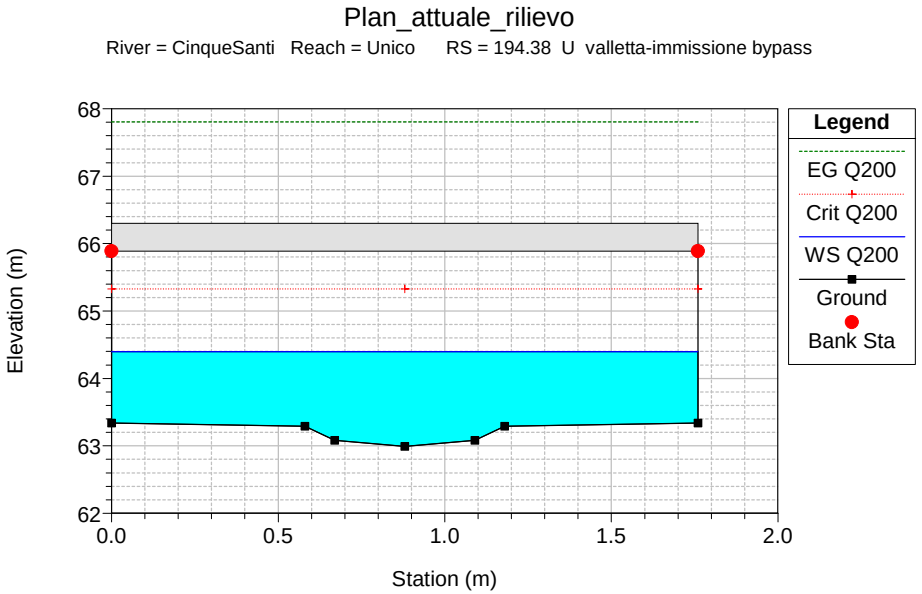
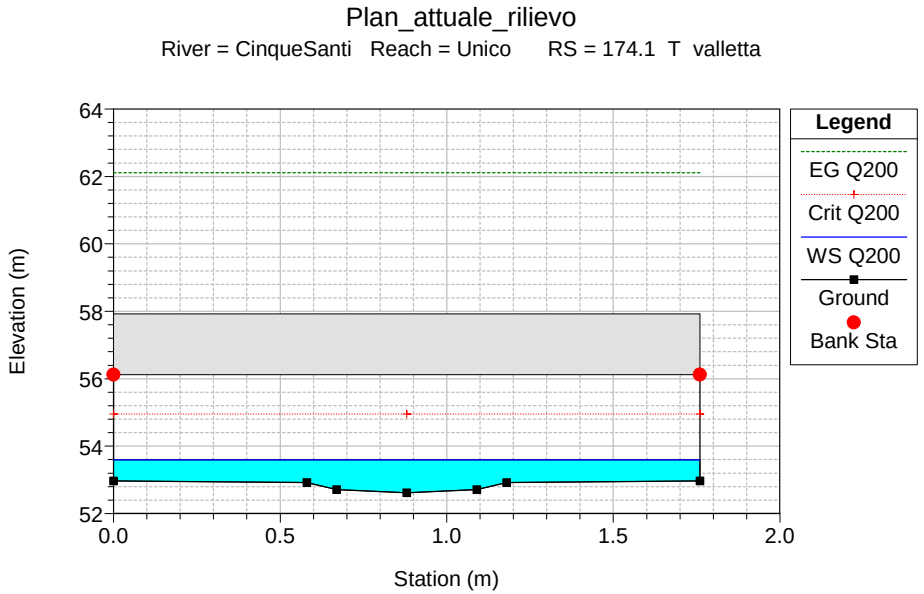
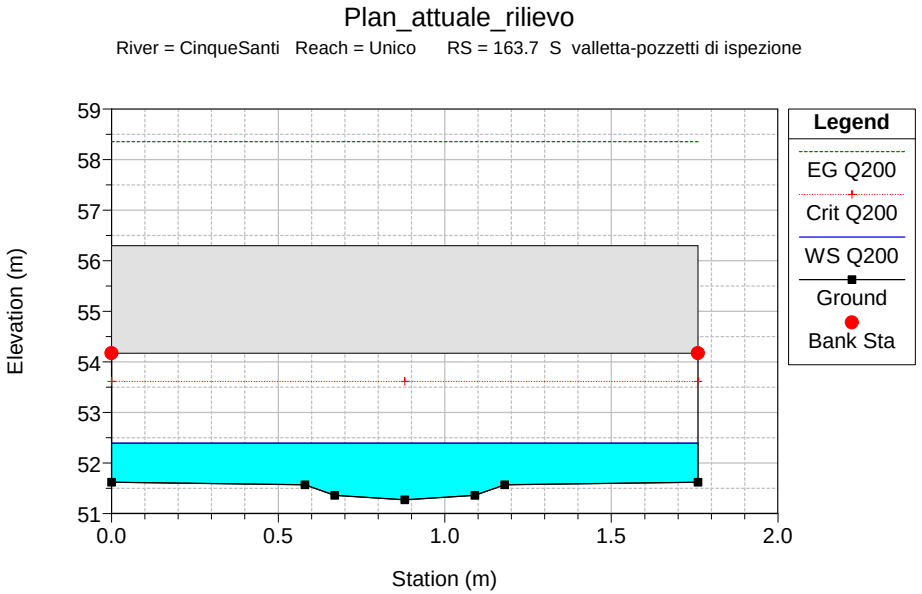
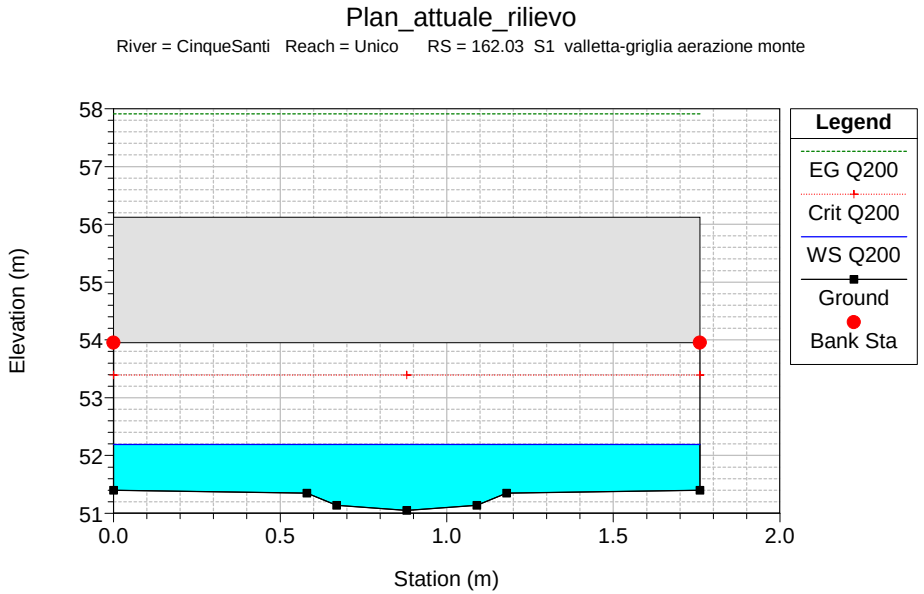
0.0
0.5
1.0
1.5
2.0

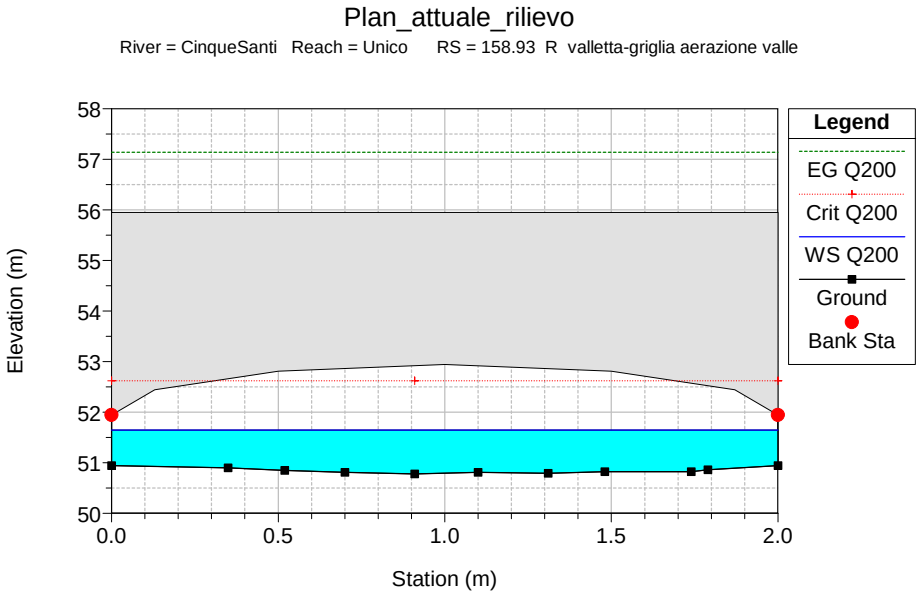

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 204.89 V valletta-parte crollata
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta

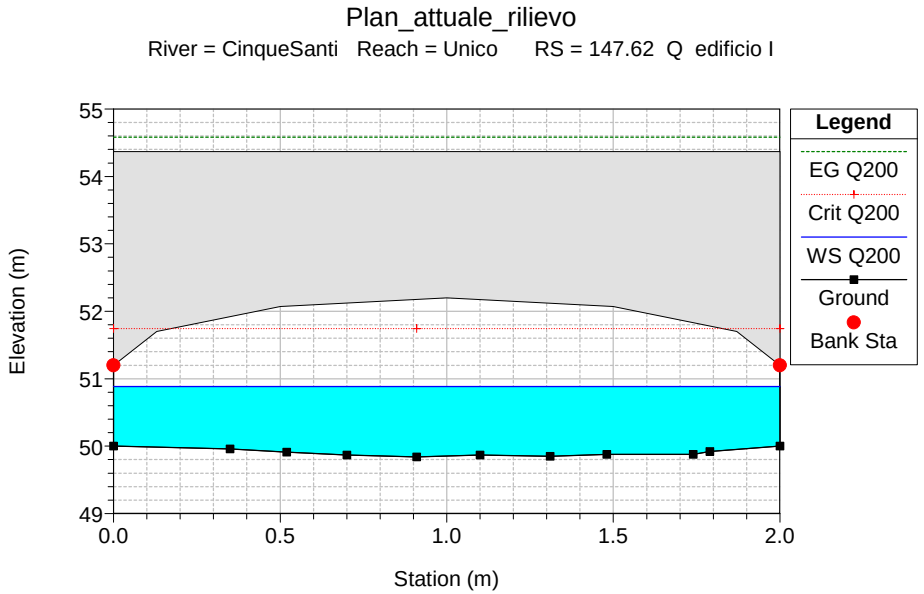

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 194.38 U valletta-immissione bypass
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

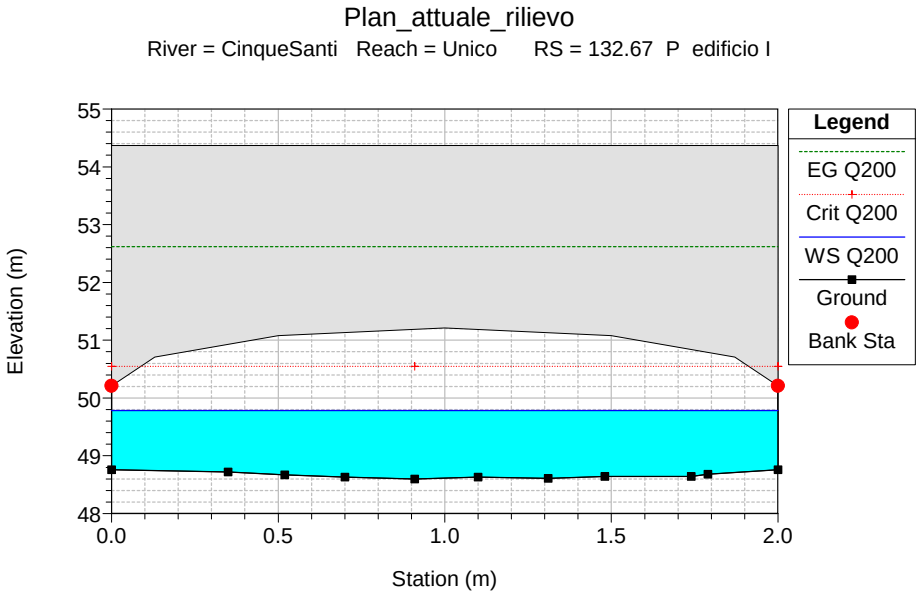

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 174.1 T valletta
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

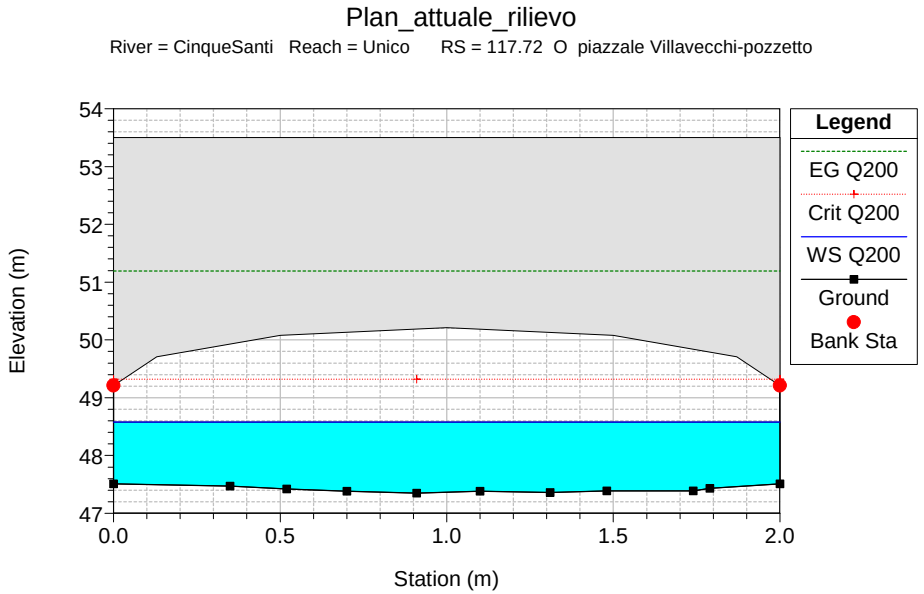

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 163.7 S valletta-pozzetti di ispezione
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

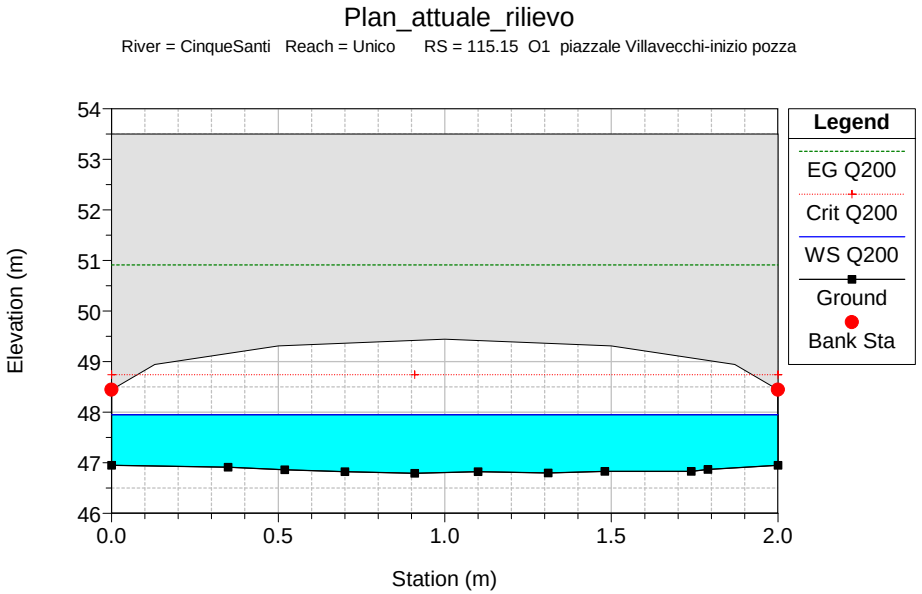

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 162.03 S1 valletta-griglia aerazione monte
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

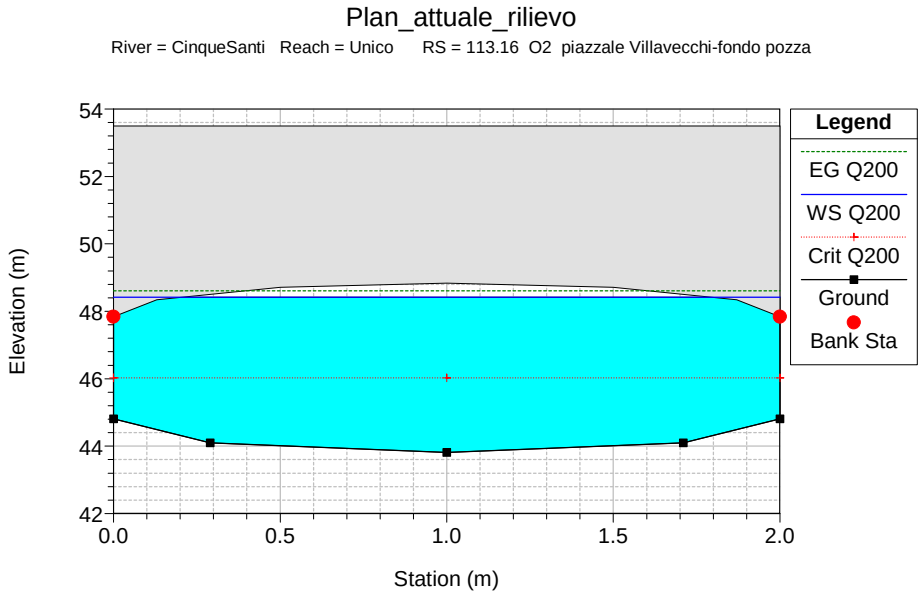

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 158.93 R valletta-griglia aerazione valle
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

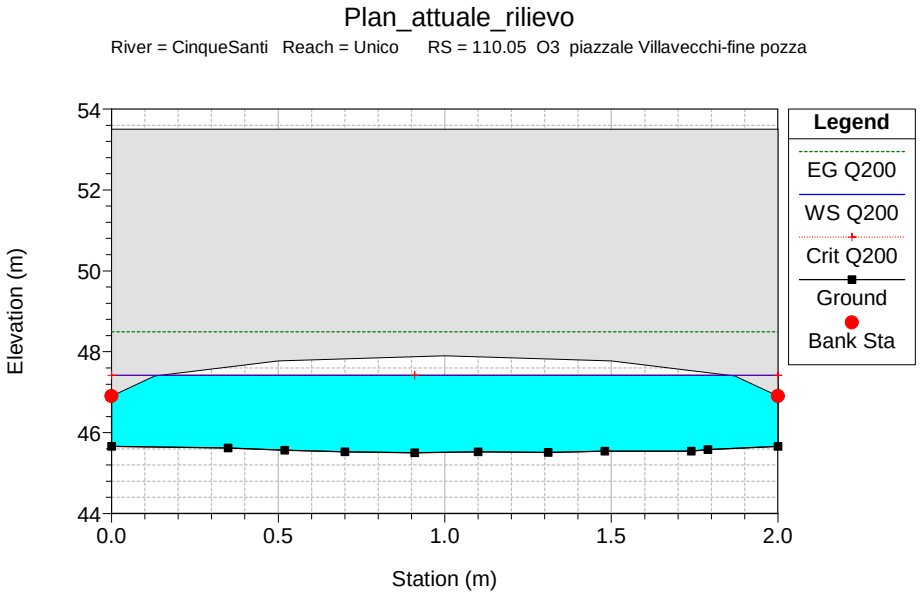

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 147.62 Q edificio I
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

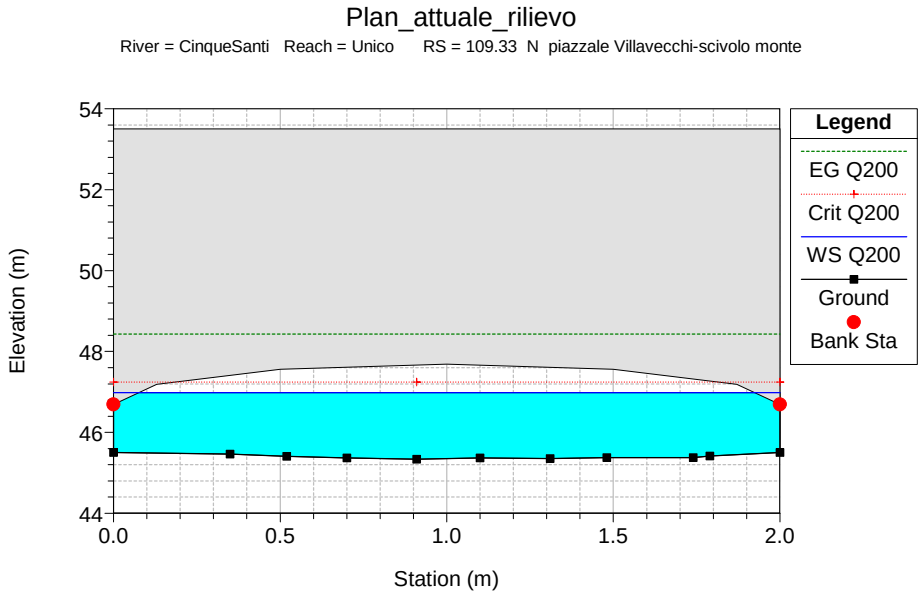

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 132.67 P edificio I
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

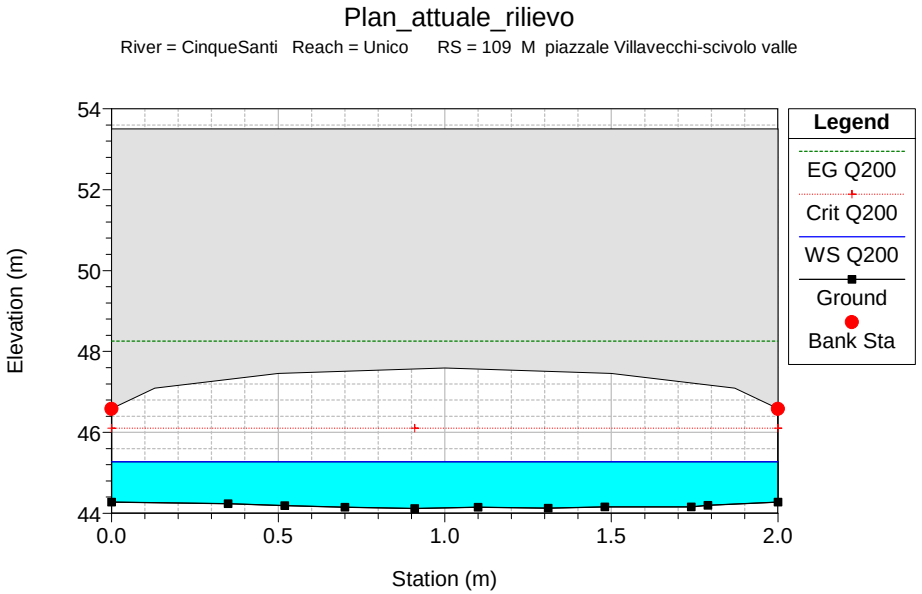

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 117.72 O piazzale Villavecchi-pozzetto
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

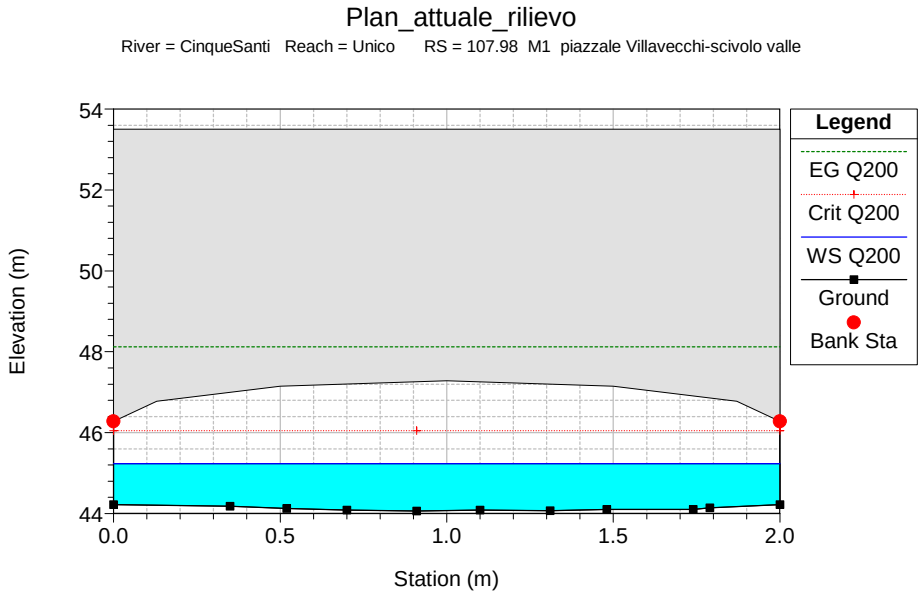

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 115.15 O1 piazzale Villavecchi-inizio pozza
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

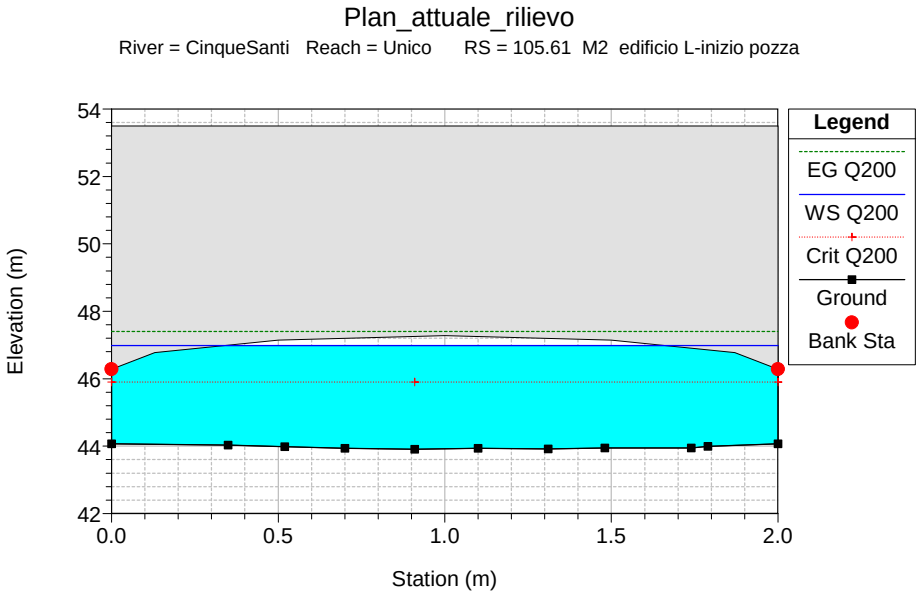

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 113.16 O2 piazzale Villavecchi-fondo pozza
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta

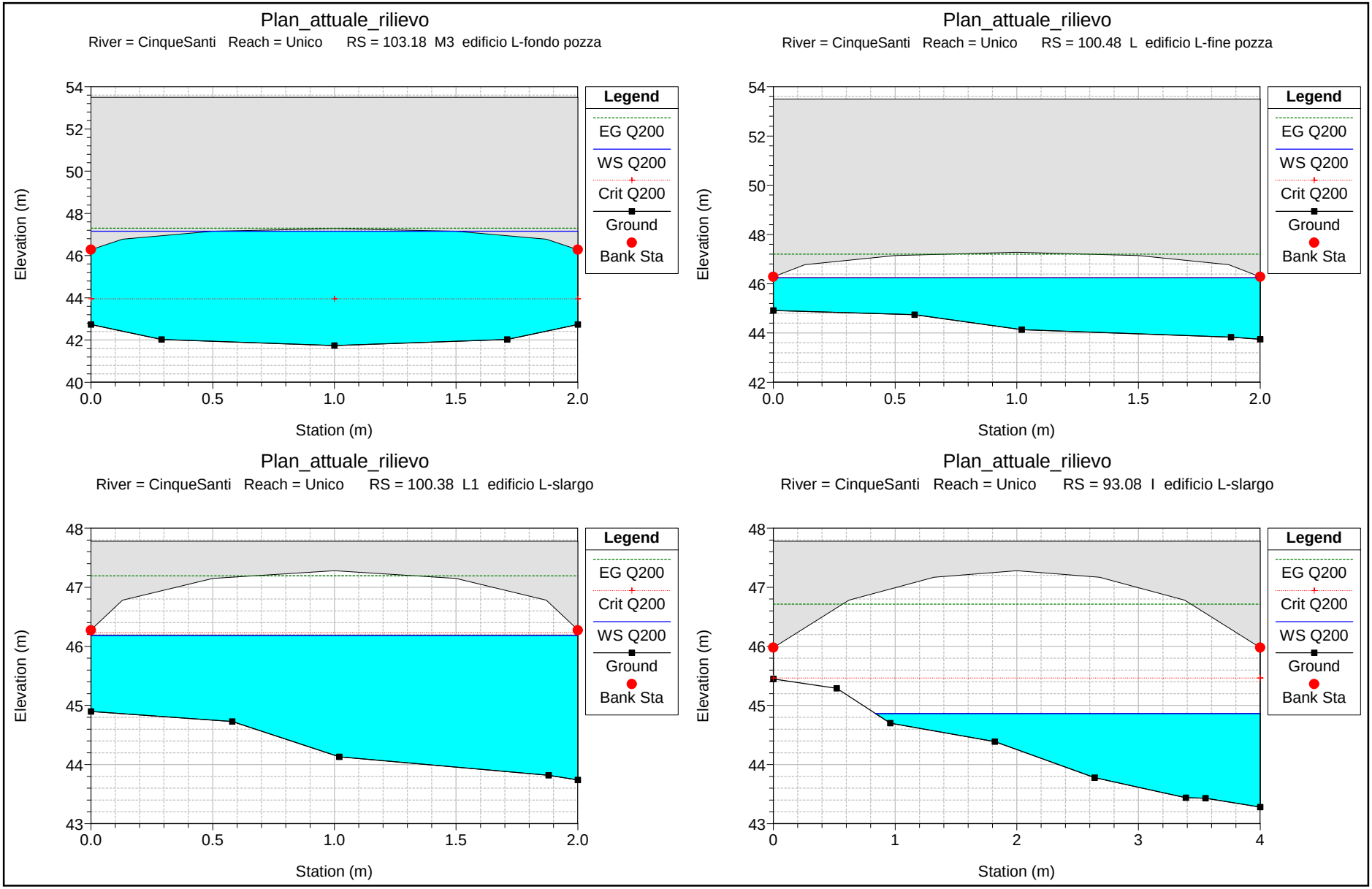

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 110.05 O3 piazzale Villavecchi-fine pozza
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta

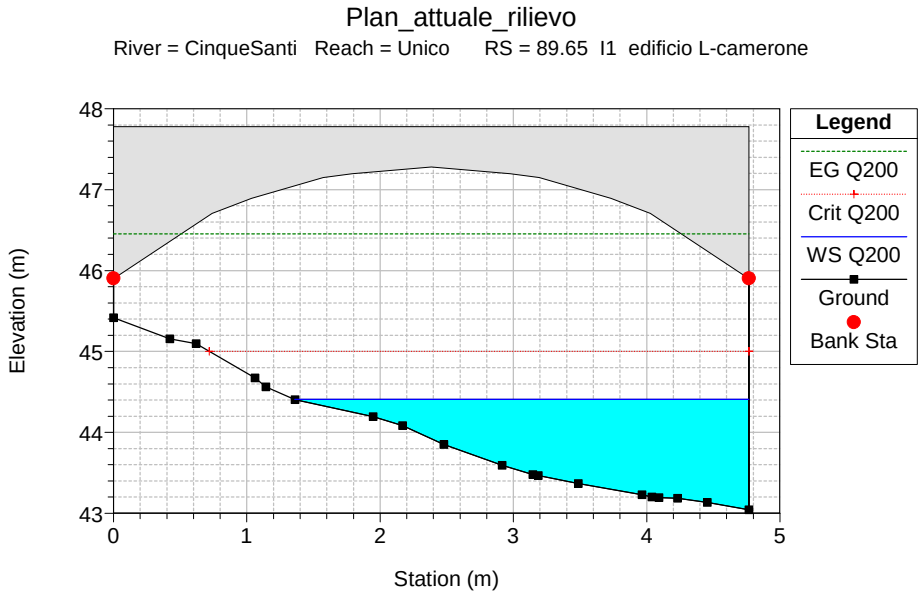

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 109.33 N piazzale Villavecchi-scivolo monte
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

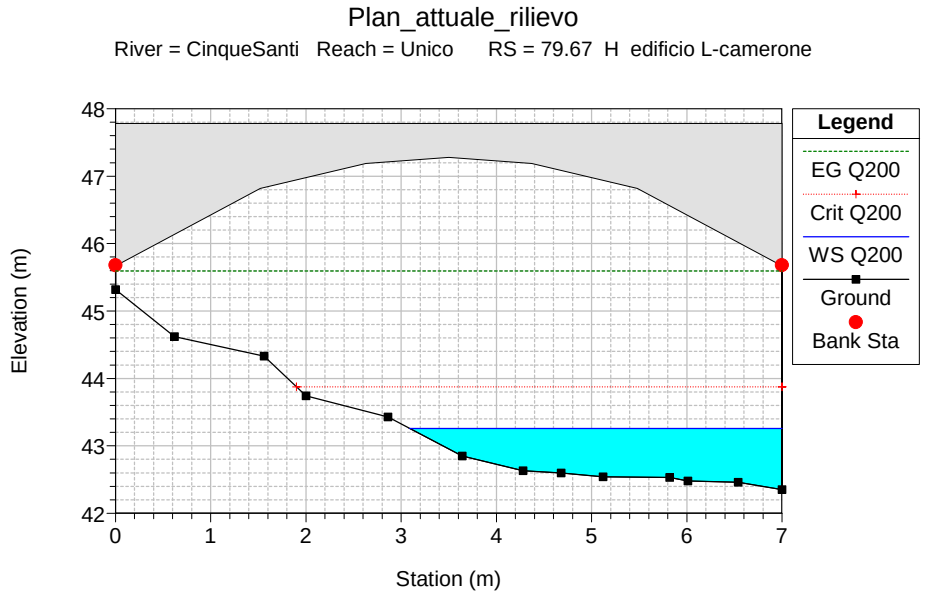

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 109 M piazzale Villavecchi-scivolo valle
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

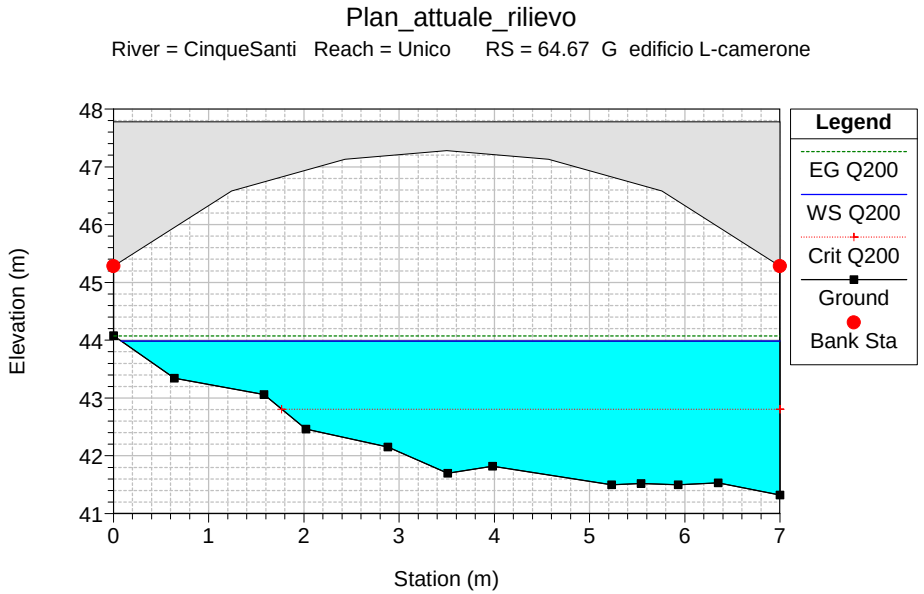

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 107.98 M1 piazzale Villavecchi-scivolo valle
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

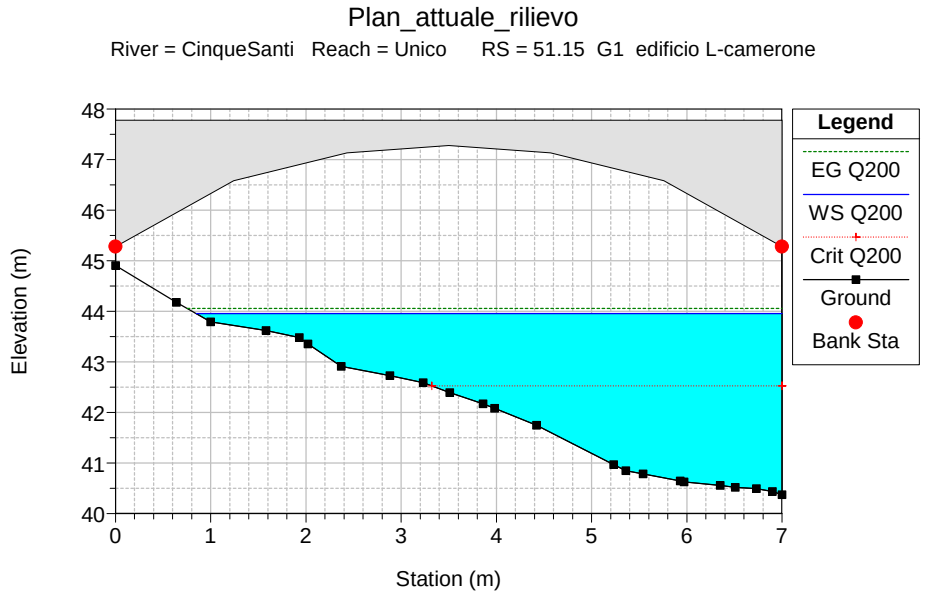

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 105.61 M2 edificio L-inizio pozza
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta

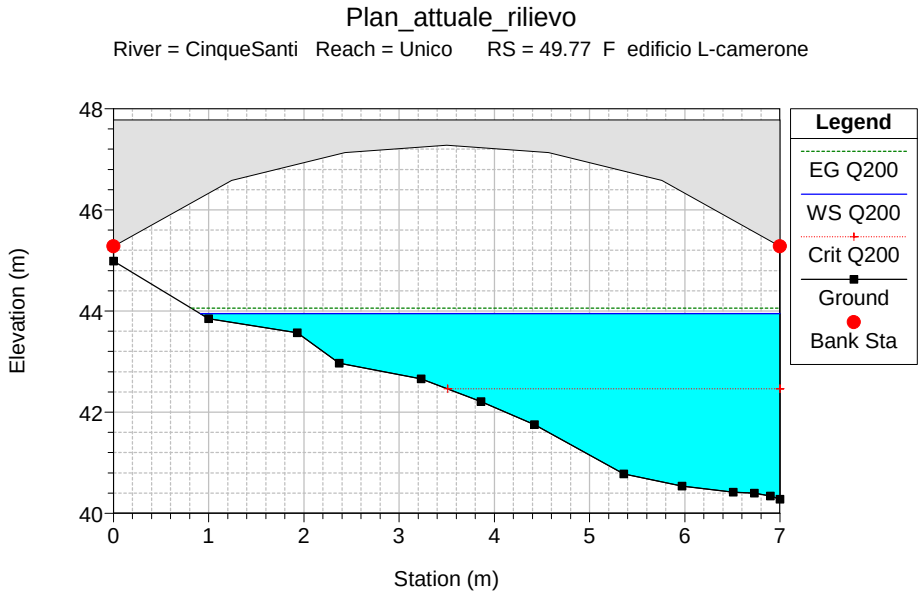

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 103.18 M3 edificio L-fondo pozza
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta
Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 100.48 L edificio L-fine pozza
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta
Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 100.38 L1 edificio L-slargo
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta
Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 93.08 I edificio L-slargo
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

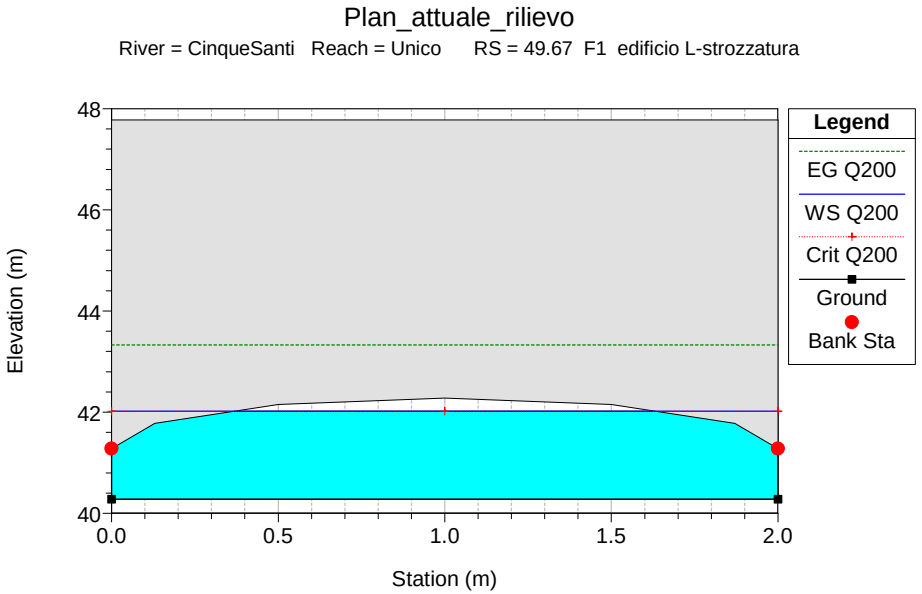

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 89.65 I1 edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

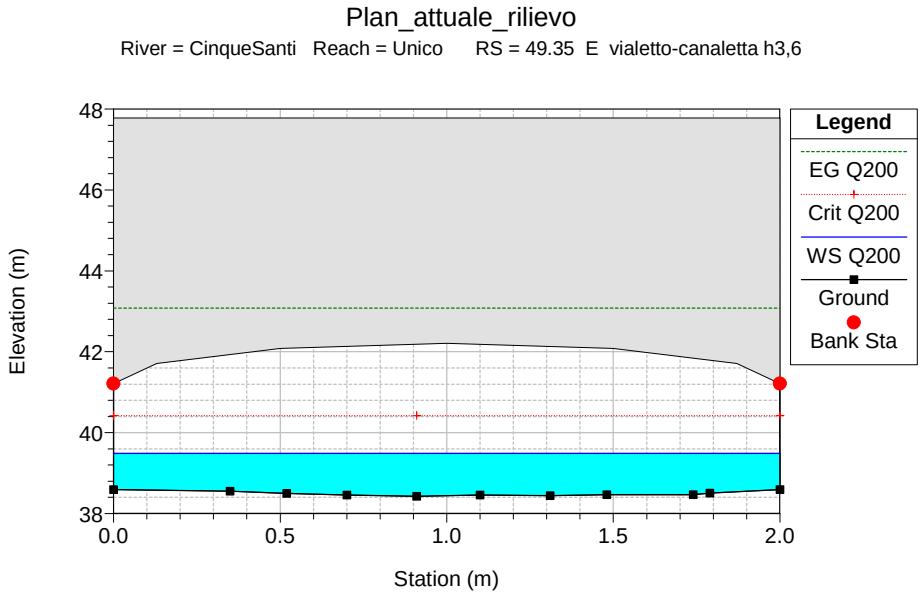

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 79.67 H edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta

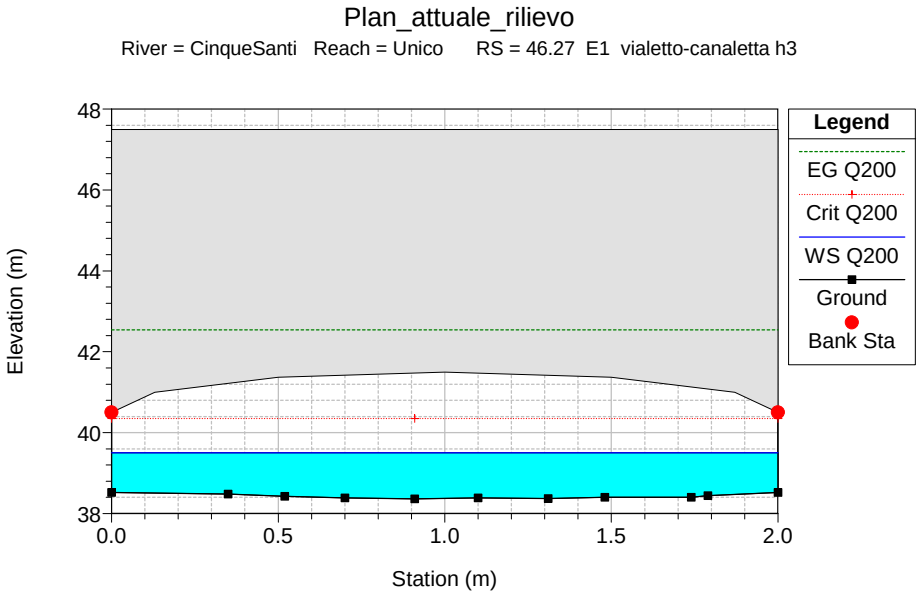

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 64.67 G edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta

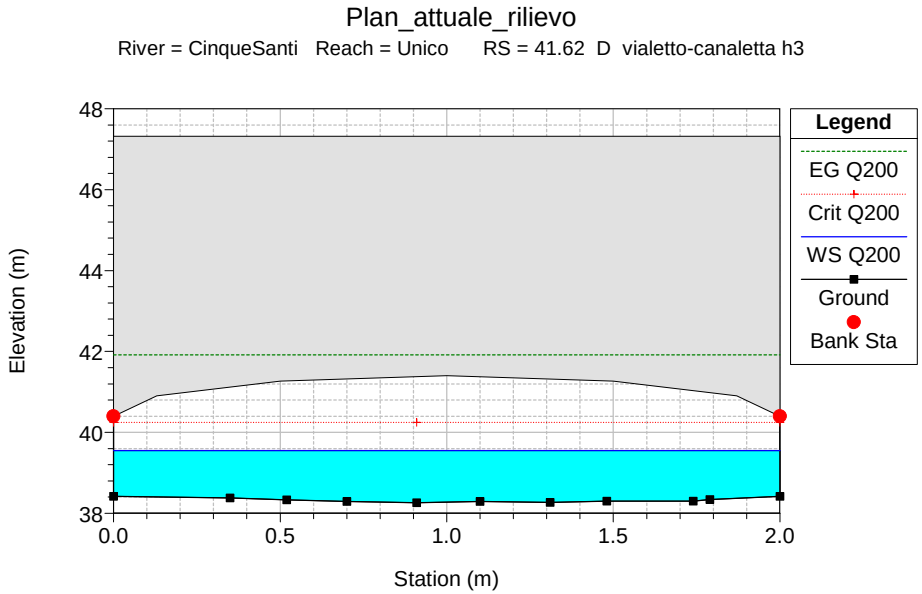

Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 51.15 G1 edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.77 F edificio L-camerone
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.67 F1 edificio L-strozzatura
Elevation (m)
Station (m)
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 49.35 E vialetto-canaletta h3,6
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 46.27 E1 vialetto-canaletta h3
Elevation (m)
Station (m)
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 41.62 D vialetto-canaletta h3
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta
Elevation (m)
Station (m)
48
46
44
42
40
38
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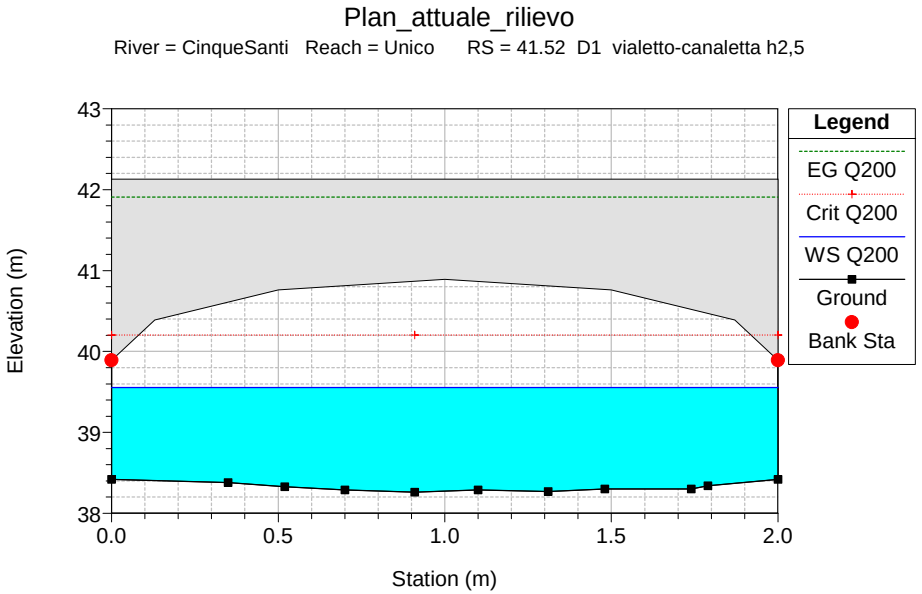
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 41.52 D1 vialetto-canaletta h2,5
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta
Elevation (m)
Station (m)
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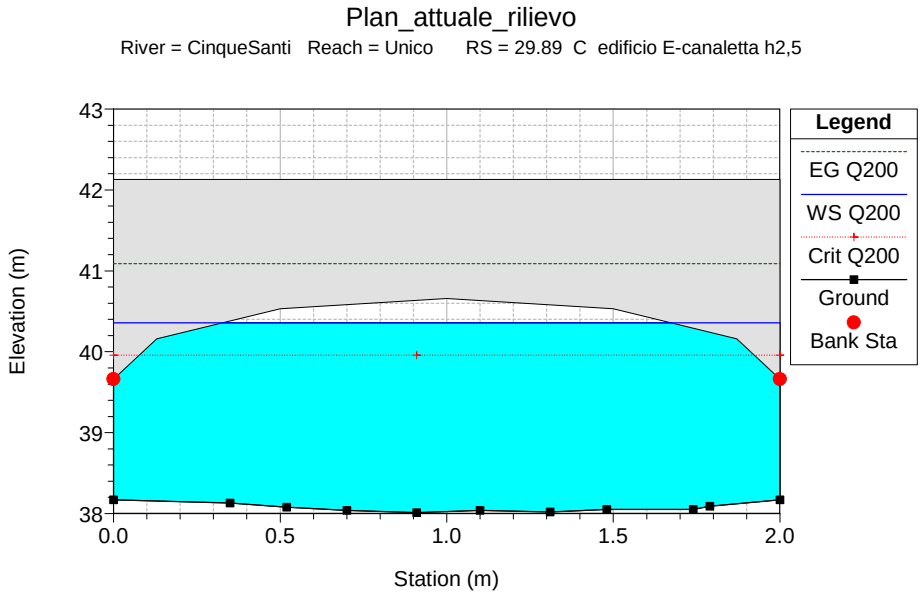
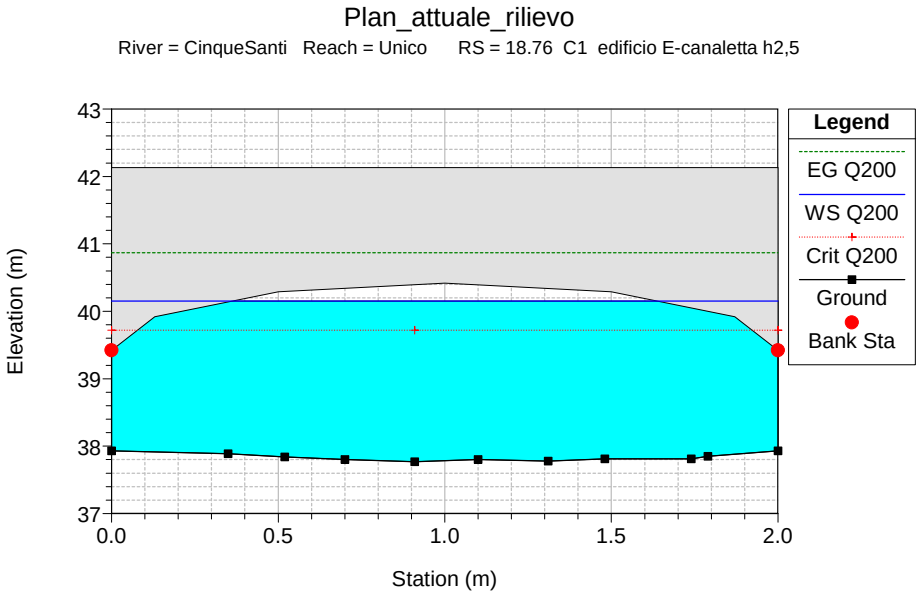
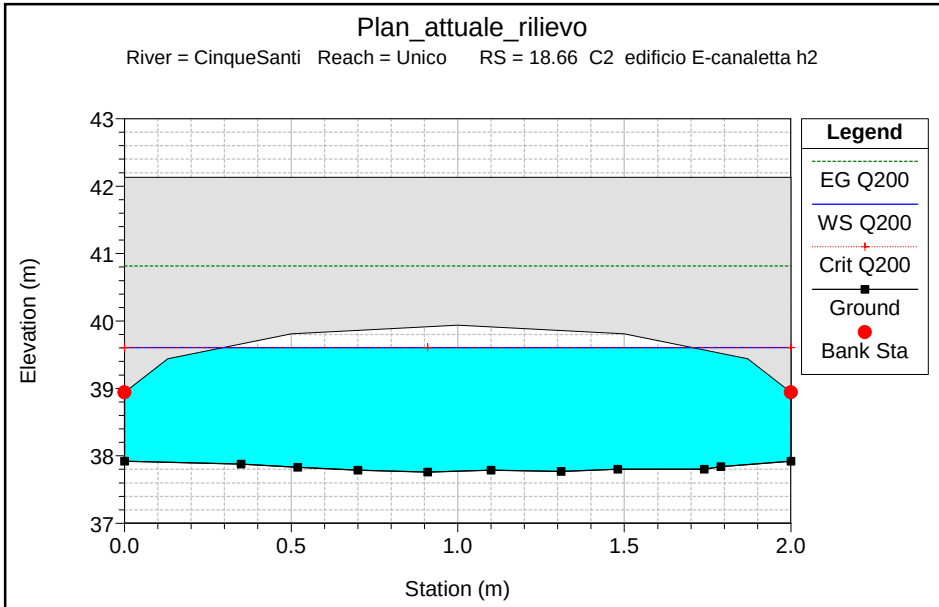
42
41
40
39
38
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 29.89 C edificio E-canaletta h2,5
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 18.76 C1 edificio E-canaletta h2,5
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 18.66 C2 edificio E-canaletta h2
Legend
EG Q200
WS Q200
Crit Q200
Ground
Bank Sta
Elevation (m)
Station (m)
43
42
41
40
39
38
37
0.0
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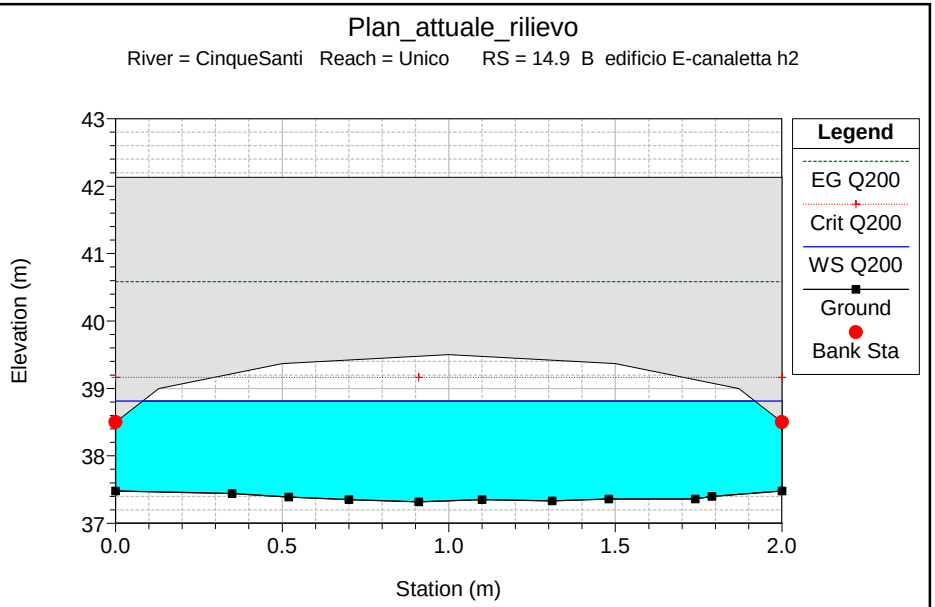
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 14.9 B edificio E-canaletta h2
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta
Elevation (m)
Station (m)
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39
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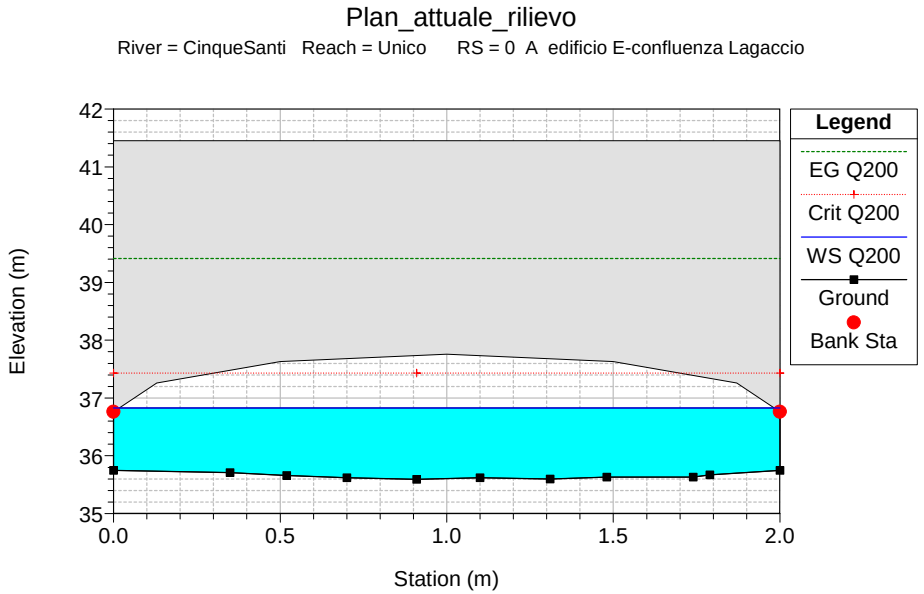
0.0
0.5
1.0
1.5
2.0


Plan_attuale_rilievo
River = CinqueSanti Reach = Unico RS = 0 A edificio E-confluenza Lagaccio
Legend
EG Q200
Crit Q200
WS Q200
Ground
Bank Sta
Elevation (m)
Station (m)
42
41
40
39
38
37
36
35
0.0
0.5
1.0
1.5
2.0

HEC-RAS Plan: Sdf_rilievo River: CinqueSanti Reach: Unico Profile: Q30

Reach	River Sta	Q Total	Cum Ch Len	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	Vel Chnl	Flow Area	Top Width	Froude # Chl	LOB Elev	ROB Elev	Vel Head	Shear Chan	Hydr Radius C
		(m3/s)	(m)	(m)	(m)	(m)	(m)	(m/s)	(m2)	(m)		(m)	(m)	(m)	(N/m2)	(m)
Unico	204.89 V	7.19	204.89	65.43	66.87	66.87	67.47	3.42	2.10	1.76	1.00	68.13	68.13	0.60	90.95	0.49
Unico	194.38 U	7.19	194.38	62.99	63.81	64.43	66.38	7.10	1.01	1.76	2.99	65.89	65.89	2.57	444.51	0.34
Unico	174.1 T	7.19	174.09	52.62	53.24	54.06	59.22	10.83	0.66	1.76	5.63	56.12	56.12	5.97	1136.02	0.25
Unico	163.7 S	7.19	163.70	51.27	52.02	52.71	55.40	8.15	0.88	1.76	3.67	54.17	54.17	3.38	602.81	0.31
Unico	162.03 S1	7.19	162.03	51.05	51.81	52.49	55.03	7.95	0.90	1.76	3.54	53.95	53.95	3.22	570.50	0.31
Unico	158.93 R	7.19	158.93	50.78	51.31	51.94	54.37	7.76	0.93	2.00	3.64	51.94	51.94	3.06	667.36	0.33
Unico	147.62 Q	7.19	147.62	49.84	50.49	51.00	52.43	6.17	1.16	2.00	2.58	51.20	51.20	1.94	402.51	0.39
Unico	132.67 P	7.19	132.66	48.60	49.29	49.76	50.96	5.72	1.26	2.00	2.31	50.21	50.21	1.67	340.93	0.40
Unico	117.72 O	7.19	117.71	47.35	48.05	48.51	49.69	5.68	1.27	2.00	2.28	49.21	49.21	1.64	334.89	0.41
Unico	115.15 O1	7.19	115.14	46.79	47.43	47.95	49.41	6.23	1.15	2.00	2.62	48.44	48.44	1.98	410.59	0.38
Unico	113.16 O2	7.19	113.15	43.81	47.20	45.20	47.27	1.16	6.20	2.00	0.21	47.84	47.84	0.07	11.19	0.79
Unico	110.05 O3	7.19	110.04	45.50	46.66	46.66	47.21	3.28	2.20	2.00	1.00	46.90	46.90	0.55	101.17	0.54
Unico	109.33 N	7.19	109.32	45.34	46.26	46.50	47.15	4.18	1.72	2.00	1.44	46.69	46.69	0.89	171.15	0.48
Unico	109 M	7.19	108.99	44.12	44.72	45.28	46.99	6.68	1.08	2.00	2.91	46.59	46.59	2.27	479.21	0.37
Unico	107.98 M1	7.19	107.97	44.06	44.68	45.22	46.83	6.50	1.11	2.00	2.79	46.28	46.28	2.15	450.52	0.37
Unico	105.61 M2	7.19	105.60	43.91	45.89	45.07	46.07	1.88	3.83	2.00	0.43	46.28	46.28	0.18	30.98	0.67
Unico	103.18 M3	7.19	103.17	41.74	45.98	43.13	46.02	0.91	7.90	2.00	0.15	46.28	46.28	0.04	6.79	0.83
Unico	100.48 L	7.19	100.47	43.75	45.41	45.41	45.96	3.28	2.19	2.00	1.00	46.28	46.28	0.55	105.84	0.48
Unico	100.38 L1	7.19	100.37	43.74	45.35	45.40	45.96	3.45	2.09	2.00	1.08	46.28	46.28	0.61	117.76	0.47
Unico	93.08 I	7.19	93.07	43.28	44.42	44.79	45.56	4.72	1.52	2.27	1.84	45.98	45.98	1.13	230.26	0.41
Unico	89.65 I1	7.19	89.64	43.04	43.98	44.40	45.31	5.13	1.40	2.45	2.16	45.90	45.90	1.34	276.26	0.39
Unico	79.67 H	7.19	79.66	42.35	42.96	43.33	44.41	5.34	1.35	3.50	2.75	45.67	45.67	1.45	320.20	0.32
Unico	64.67 G	7.19	64.66	41.32	42.01	42.33	43.08	4.57	1.57	3.93	2.31	45.28	45.28	1.07	233.58	0.33
Unico	51.15 G1	7.19	51.14	40.38	41.51	41.79	42.40	4.18	1.72	2.34	1.55	45.28	45.28	0.89	175.11	0.45
Unico	49.77 F	7.19	49.76	40.28	41.42	41.71	42.35	4.25	1.69	2.26	1.57	45.28	45.28	0.92	181.51	0.45
Unico	49.67 F1	7.19	49.66	40.28	41.03	41.37	42.20	4.78	1.50	2.00	1.76	41.28	41.28	1.16	232.73	0.43
Unico	49.35 E	7.19	49.34	38.43	38.96	39.59	41.98	7.70	0.93	2.00	3.60	41.21	41.21	3.02	656.30	0.33
Unico	46.27 E1	7.19	46.26	38.36	38.96	39.52	41.25	6.71	1.07	2.00	2.93	40.50	40.50	2.29	484.29	0.37
Unico	41.62 D	7.19	41.61	38.26	38.97	39.42	40.55	5.58	1.29	2.00	2.22	40.40	40.40	1.59	322.53	0.41
Unico	41.52 D1	7.19	41.51	38.26	38.97	39.42	40.54	5.56	1.29	2.00	2.21	39.89	39.89	1.57	319.59	0.41
Unico	29.89 C	7.19	29.89	38.01	39.06	39.17	39.74	3.63	1.98	2.00	1.17	39.66	39.66	0.67	126.51	0.52
Unico	18.76 C1	7.19	18.76	37.77	38.82	38.93	39.50	3.65	1.97	2.00	1.17	39.42	39.42	0.68	127.47	0.51
Unico	18.66 C2	7.19	18.66	37.76	38.80	38.92	39.49	3.69	1.95	2.00	1.19	38.94	38.94	0.69	130.83	0.51
Unico	14.9 B	7.19	14.90	37.32	38.14	38.48	39.30	4.77	1.51	2.00	1.75	38.50	38.50	1.16	228.60	0.45
Unico	0 A	7.19		35.59	36.26	36.75	38.06	5.96	1.21	2.00	2.45	36.76	36.76	1.81	372.12	0.39

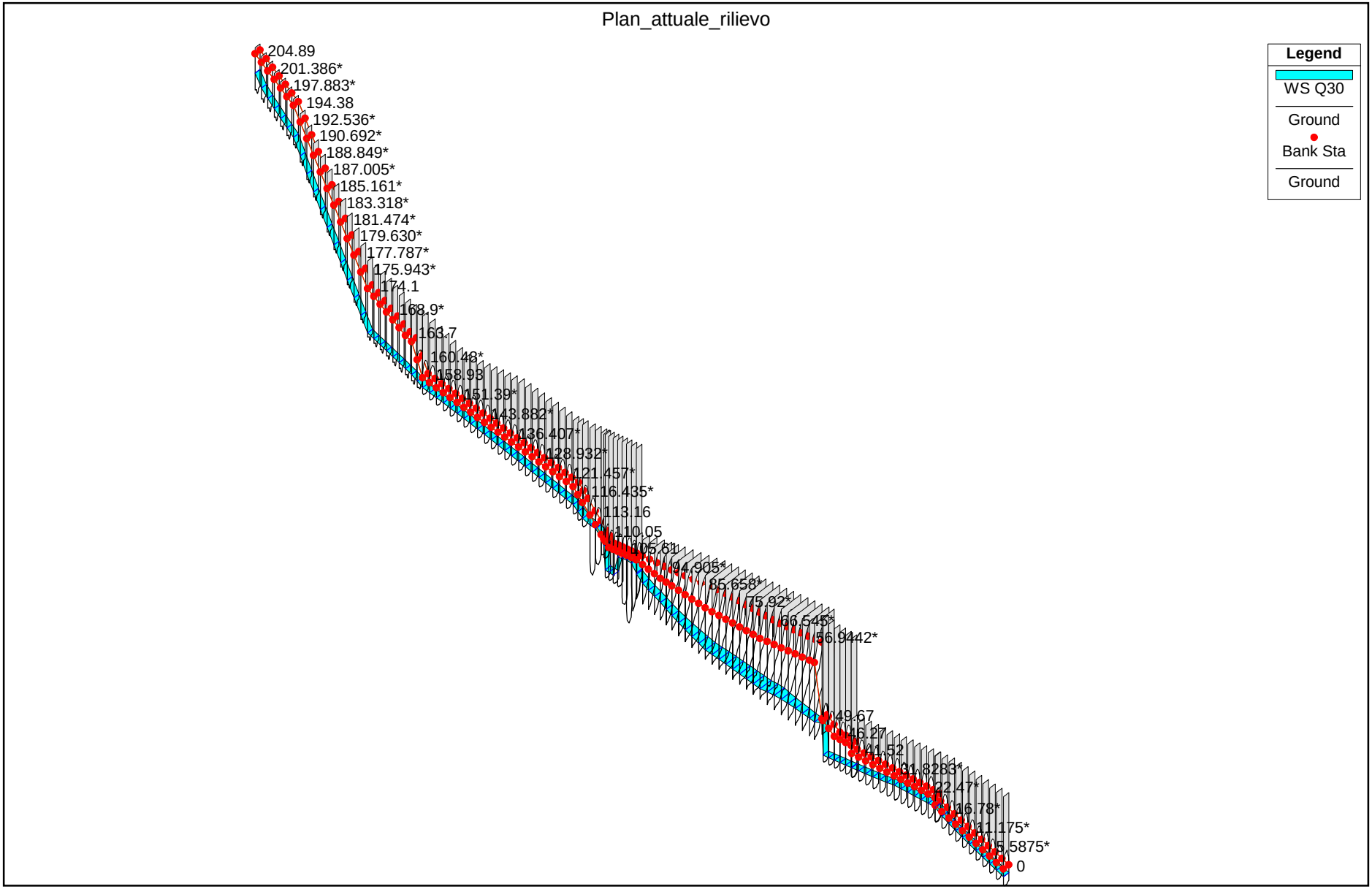
HEC-RAS Plan: Sdf_rilievo River: CinqueSanti Reach: Unico Profile: Q50

Reach	River Sta	Q Total	Cum Ch Len	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	Vel Chnl	Flow Area	Top Width	Froude # Chl	LOB Elev	ROB Elev	Vel Head	Shear Chan	Hydr Radius C
		(m3/s)	(m)	(m)	(m)	(m)	(m)	(m/s)	(m2)	(m)		(m)	(m)	(m)	(N/m2)	(m)
Unico	204.89 V	13.30	204.89	65.43	67.47	67.47	68.37	4.20	3.17	1.76	1.00	68.13	68.13	0.90	129.78	0.58
Unico	194.38 U	13.30	194.38	62.99	64.19	65.03	67.36	7.88	1.69	1.76	2.57	65.89	65.89	3.16	498.19	0.45
Unico	174.1 T	13.30	174.09	52.62	53.47	54.66	61.31	12.40	1.07	1.76	5.07	56.12	56.12	7.84	1341.67	0.35
Unico	163.7 S	13.30	163.70	51.27	52.26	53.31	57.48	10.12	1.31	1.76	3.74	54.17	54.17	5.22	858.60	0.39
Unico	162.03 S1	13.30	162.03	51.05	52.06	53.09	57.05	9.90	1.34	1.76	3.62	53.95	53.95	4.99	817.66	0.40
Unico	158.93 R	13.30	158.93	50.78	51.53	52.45	56.29	9.67	1.38	2.00	3.72	51.94	51.94	4.76	955.35	0.43
Unico	147.62 Q	13.30	147.62	49.84	50.75	51.52	53.89	7.85	1.69	2.00	2.72	51.20	51.20	3.14	606.26	0.48
Unico	132.67 P	13.30	132.66	48.60	49.62	50.30	52.08	6.94	1.92	2.00	2.26	50.21	50.21	2.46	464.66	0.51
Unico	117.72 O	13.30	117.71	47.35	48.40	49.07	50.71	6.74	1.97	2.00	2.17	49.21	49.21	2.31	435.47	0.52
Unico	115.15 O1	13.30	115.14	46.79	47.77	48.50	50.43	7.23	1.84	2.00	2.41	48.44	48.44	2.66	506.77	0.50
Unico	113.16 O2	13.30	113.15	43.81	48.00	45.75	48.15	1.71	7.79	1.92	0.27	47.84	47.84	0.15	23.90	0.82
Unico	110.05 O3	13.30	110.04	45.50	47.18	47.18	48.05	4.13	3.22	1.85	1.02	46.90	46.90	0.87	152.96	0.63
Unico	109.33 N	13.30	109.32	45.34	46.75	47.02	47.99	4.94	2.69	1.97	1.33	46.69	46.69	1.24	223.77	0.59
Unico	109 M	13.30	108.99	44.12	45.09	45.84	47.82	7.32	1.82	2.00	2.45	46.59	46.59	2.73	521.69	0.49
Unico	107.98 M1	13.30	107.97	44.06	45.05	45.77	47.69	7.20	1.85	2.00	2.39	46.28	46.28	2.64	502.73	0.50
Unico	105.61 M2	13.30	105.60	43.91	46.64	45.63	46.96	2.51	5.29	1.81	0.49	46.28	46.28	0.32	53.82	0.73
Unico	103.18 M3	13.30	103.17	41.74	46.78	43.68	46.88	1.41	9.44	1.74	0.20	46.28	46.28	0.10	16.16	0.84
Unico	100.48 L	13.30	100.47	43.75	45.97	45.97	46.79	4.03	3.30	2.00	1.00	46.28	46.28	0.83	149.67	0.58
Unico	100.38 L1	13.30	100.37	43.74	45.91	45.96	46.79	4.14	3.21	2.00	1.04	46.28	46.28	0.87	158.37	0.57
Unico	93.08 I	13.30	93.07	43.28	44.74	45.22	46.34	5.61	2.37	3.07	2.03	45.98	45.98	1.60	307.65	0.48
Unico	89.65 I1	13.30	89.64	43.04	44.28	44.81	46.08	5.94	2.24	3.07	2.22	45.90	45.90	1.80	344.77	0.49
Unico	79.67 H	13.30	79.66	42.35	43.16	43.72	45.23	6.37	2.09	3.78	2.73	45.67	45.67	2.06	409.80	0.44
Unico	64.67 G	13.30	64.66	41.32	42.20	42.66	43.86	5.70	2.33	4.26	2.46	45.28	45.28	1.66	330.45	0.43
Unico	51.15 G1	13.30	51.14	40.38	43.14	42.30	43.30	1.81	7.37	4.81	0.47	45.28	45.28	0.17	26.21	0.87
Unico	49.77 F	13.30	49.76	40.28	43.13	42.23	43.30	1.79	7.42	4.75	0.46	45.28	45.28	0.16	25.91	0.87
Unico	49.67 F1	13.30	49.66	40.28	41.85	41.85	42.82	4.35	3.06	1.59	1.11	41.28	41.28	0.96	173.94	0.58
Unico	49.35 E	13.30	49.34	38.43	39.33	40.15	42.57	7.98	1.67	2.00	2.79	41.21	41.21	3.24	628.47	0.47
Unico	46.27 E1	13.30	46.26	38.36	39.34	40.08	42.04	7.28	1.83	2.00	2.43	40.50	40.50	2.70	515.35	0.50
Unico	41.62 D	13.30	41.61	38.26	39.37	39.97	41.43	6.36	2.09	2.00	1.99	40.40	40.40	2.06	384.84	0.53
Unico	41.52 D1	13.30	41.51	38.26	39.37	39.96	41.42	6.34	2.10	2.00	1.98	39.89	39.89	2.05	382.15	0.53
Unico	29.89 C	13.30	29.89	38.01	39.90	39.72	40.58	3.66	3.64	1.88	0.85	39.66	39.66	0.68	118.18	0.66
Unico	18.76 C1	13.30	18.76	37.77	39.73	39.48	40.37	3.52	3.78	1.84	0.80	39.42	39.42	0.63	109.26	0.66
Unico	18.66 C2	13.30	18.66	37.76	39.43	39.43	40.34	4.21	3.16	1.74	1.04	38.94	38.94	0.90	160.29	0.62
Unico	14.9 B	13.30	14.90	37.32	38.60	38.99	40.13	5.48	2.43	1.95	1.55	38.50	38.50	1.53	279.36	0.57
Unico	0 A	13.30		35.59	36.63	37.26	38.98	6.78	1.96	2.00	2.19	36.76	36.76	2.34	441.52	0.51

HEC-RAS Plan: Sdf_rilievo River: CinqueSanti Reach: Unico Profile: Q200

Reach	River Sta	Q Total	Cum Ch Len	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	Vel Chnl	Flow Area	Top Width	Froude # Chl	LOB Elev	ROB Elev	Vel Head	Shear Chan	Hydr Radius C
		(m3/s)	(m)	(m)	(m)	(m)	(m)	(m/s)	(m2)	(m)		(m)	(m)	(m)	(N/m2)	(m)
Unico	204.89 V	16.71	204.89	65.43	67.77	67.77	68.82	4.53	3.69	1.76	1.00	68.13	68.13	1.05	148.46	0.61
Unico	194.38 U	16.71	194.38	62.99	64.39	65.33	67.81	8.18	2.04	1.76	2.43	65.89	65.89	3.41	521.56	0.49
Unico	174.1 T	16.71	174.09	52.62	53.60	54.96	62.11	12.93	1.29	1.76	4.81	56.12	56.12	8.51	1404.65	0.39
Unico	163.7 S	16.71	163.70	51.27	52.39	53.61	58.36	10.82	1.54	1.76	3.69	54.17	54.17	5.96	953.34	0.43
Unico	162.03 S1	16.71	162.03	51.05	52.19	53.39	57.91	10.60	1.58	1.76	3.57	53.95	53.95	5.72	911.51	0.43
Unico	158.93 R	16.71	158.93	50.78	51.65	52.62	57.14	10.38	1.61	2.00	3.69	51.94	51.94	5.49	1069.90	0.46
Unico	147.62 Q	16.71	147.62	49.84	50.88	51.75	54.58	8.52	1.96	2.00	2.75	51.20	51.20	3.70	697.38	0.51
Unico	132.67 P	16.71	132.66	48.60	49.78	50.55	52.62	7.46	2.24	2.00	2.25	50.21	50.21	2.83	523.04	0.55
Unico	117.72 O	16.71	117.71	47.35	48.58	49.32	51.19	7.16	2.33	2.00	2.11	49.21	49.21	2.61	478.60	0.56
Unico	115.15 O1	16.71	115.14	46.79	47.95	48.74	50.91	7.63	2.19	2.00	2.33	48.44	48.44	2.96	548.53	0.54
Unico	113.16 O2	16.71	113.15	43.81	48.41	46.02	48.61	1.96	8.54	1.59	0.29	47.84	47.84	0.20	31.41	0.82
Unico	110.05 O3	16.71	110.04	45.50	47.42	47.42	48.49	4.59	3.64	1.70	1.06	46.90	46.90	1.07	186.78	0.65
Unico	109.33 N	16.71	109.32	45.34	46.98	47.24	48.43	5.33	3.14	1.85	1.33	46.69	46.69	1.45	255.73	0.62
Unico	109 M	16.71	108.99	44.12	45.28	46.10	48.25	7.65	2.19	2.00	2.33	46.59	46.59	2.98	551.82	0.54
Unico	107.98 M1	16.71	107.97	44.06	45.23	46.05	48.12	7.53	2.22	2.00	2.28	46.28	46.28	2.89	534.38	0.54
Unico	105.61 M2	16.71	105.60	43.91	46.98	45.90	47.40	2.85	5.86	1.33	0.52	46.28	46.28	0.41	69.55	0.73
Unico	103.18 M3	16.71	103.17	41.74	47.16	43.95	47.30	1.68	9.95	0.92	0.23	46.28	46.28	0.14	23.27	0.81
Unico	100.48 L	16.71	100.47	43.75	46.24	46.24	47.20	4.34	3.85	2.00	1.00	46.28	46.28	0.96	170.40	0.62
Unico	100.38 L1	16.71	100.37	43.74	46.19	46.23	47.19	4.45	3.76	2.00	1.04	46.28	46.28	1.01	179.08	0.61
Unico	93.08 I	16.71	93.07	43.28	44.86	45.47	46.71	6.03	2.77	3.16	2.05	45.98	45.98	1.85	343.94	0.53
Unico	89.65 I1	16.71	89.64	43.04	44.41	45.00	46.45	6.34	2.64	3.41	2.30	45.90	45.90	2.05	383.96	0.52
Unico	79.67 H	16.71	79.66	42.35	43.26	43.88	45.59	6.77	2.47	3.91	2.72	45.67	45.67	2.34	446.39	0.49
Unico	64.67 G	16.71	64.66	41.32	43.98	42.81	44.07	1.33	12.58	6.92	0.31	45.28	45.28	0.09	12.76	1.20
Unico	51.15 G1	16.71	51.14	40.38	43.95	42.52	44.06	1.42	11.77	6.15	0.33	45.28	45.28	0.10	15.11	1.08
Unico	49.77 F	16.71	49.76	40.28	43.95	42.46	44.05	1.43	11.72	6.09	0.33	45.28	45.28	0.10	15.31	1.06
Unico	49.67 F1	16.71	49.66	40.28	42.02	42.02	43.33	5.07	3.30	1.26	1.23	41.28	41.28	1.31	237.43	0.58
Unico	49.35 E	16.71	49.34	38.43	39.49	40.42	43.08	8.40	1.99	2.00	2.69	41.21	41.21	3.59	675.17	0.52
Unico	46.27 E1	16.71	46.26	38.36	39.51	40.35	42.54	7.72	2.16	2.00	2.37	40.50	40.50	3.04	563.74	0.54
Unico	41.62 D	16.71	41.61	38.26	39.55	40.25	41.92	6.82	2.45	2.00	1.97	40.40	40.40	2.37	431.30	0.57
Unico	41.52 D1	16.71	41.51	38.26	39.55	40.20	41.91	6.80	2.46	2.00	1.96	39.89	39.89	2.35	428.54	0.57
Unico	29.89 C	16.71	29.89	38.01	40.36	39.96	41.09	3.79	4.41	1.34	0.79	39.66	39.66	0.73	126.18	0.67
Unico	18.76 C1	16.71	18.76	37.77	40.15	39.72	40.87	3.75	4.46	1.28	0.78	39.42	39.42	0.72	123.88	0.66
Unico	18.66 C2	16.71	18.66	37.76	39.60	39.60	40.82	4.88	3.43	1.41	1.15	38.94	38.94	1.21	215.30	0.61
Unico	14.9 B	16.71	14.90	37.32	38.81	39.16	40.59	5.90	2.83	1.84	1.54	38.50	38.50	1.77	317.48	0.60
Unico	0 A	16.71		35.59	36.83	37.43	39.41	7.12	2.35	1.97	2.04	36.76	36.76	2.59	474.11	0.56

Plan_attuale_rilievo



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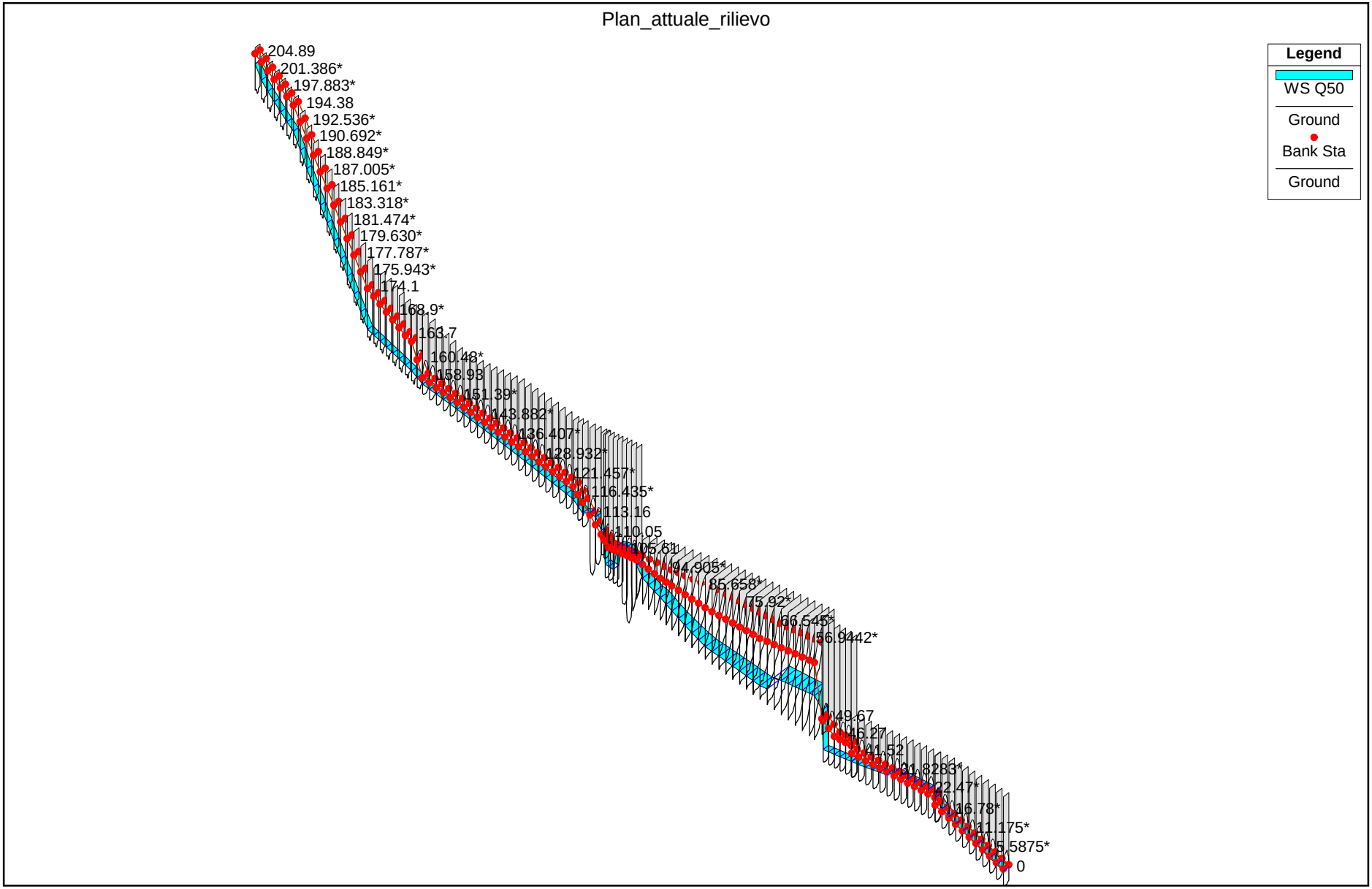
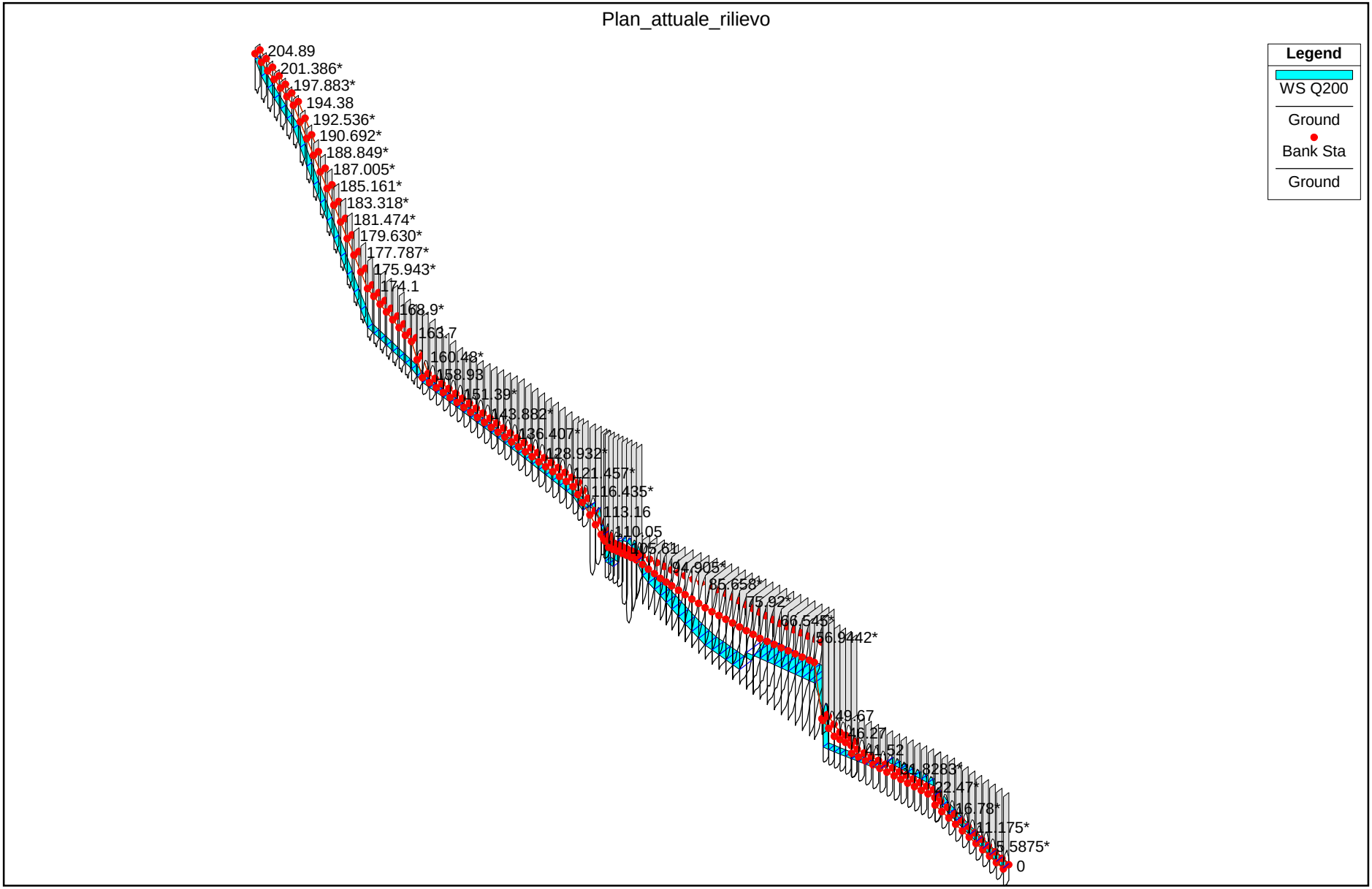
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