

IL CONCEDENTE

IL CONCESSIONARIO



AUTOSTRADA REGIONALE CISPADANA DAL CASELLO DI REGGIOLO-ROLO SULLA A22 AL CASELLO DI FERRARA SUD SULLA A13

CODICE C.U.P. E81B0800060009

PROGETTO DEFINITIVO

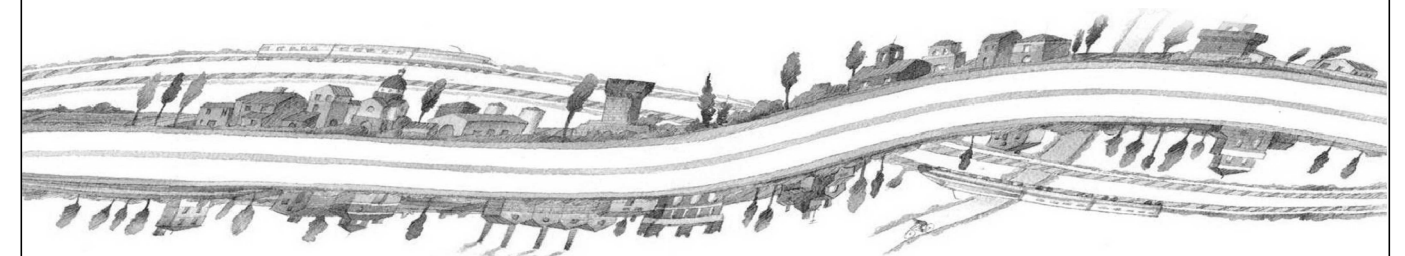
ASSE AUTOSTRADALE (COMPRESIVO DEGLI INTERVENTI LOCALI DI COLLEGAMENTO VIARIO AL SISTEMA AUTOSTRADALE)

PROGETTAZIONE STRADALE

VIABILITA' INTERFERITA

V45 - ADEGUAMENTO CAVALCAVIA VIA POGGIO RENATICO

SEZIONI TRASVERSALI ASSE PRINCIPALE

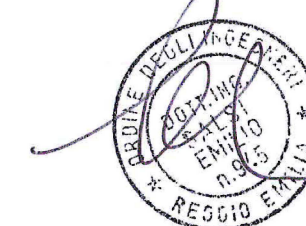


IL PROGETTISTA
Ing. Antonio De Fazio
Albo Ing. Bologna n° 3696

RESPONSABILE INTEGRAZIONE
PRESTAZIONI SPECIALISTICHE
Ing. Emilio Salsi
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IL CONCESSIONARIO

Autostrada Regionale
Cispadana S.p.A.
IL PRESIDENTE
Graziano Pattuzzi



G					
F					
E					
D					
C					
B					
A	17.04.2012	EMISSIONE	LUCARELLI	DE FAZIO	SALSI
REV.	DATA	DESCRIZIONE	REDAZIONE	CONTROLLO	APPROVAZIONE

IDENTIFICAZIONE ELABORATO

NUM. PROGR.	FASE	LOTTO	GRUPPO	CODICE OPERA WBS	TRAITO OPERA	AMBITO	TIPO ELABORATO	PROGRESSIVO	REV.	DATA: MAGGIO 2012
2065	PD	0	V45	VCS45	0	SD	SZ	01	A	SCALA: 1:200

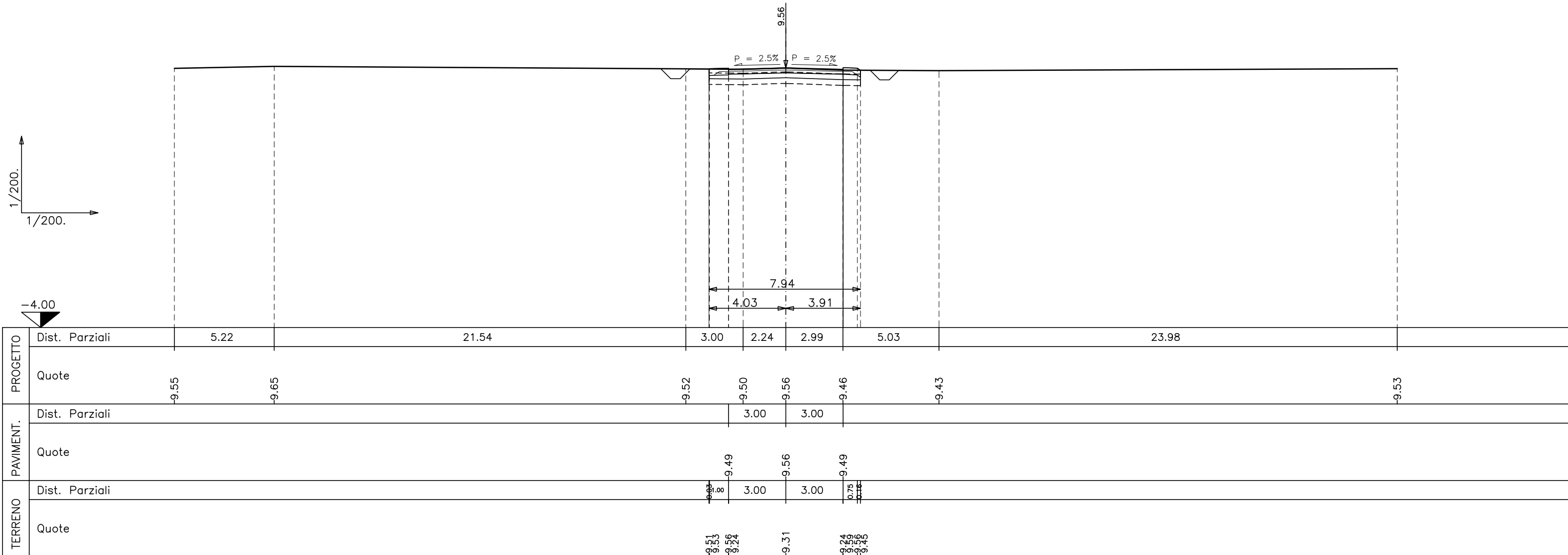
SEZIONE N.V45-1

PROG. 0.00
QP = 9.56

ml 18.00 a sez.n. V45-2

Movimenti di terra	
R1=mq	0.04
R2=mq	0.10
<u>R =mq</u>	<u>0.14</u>
S1=mq	1.44
<u>S =mq</u>	<u>1.44</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.53
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	7.94
Vegetale sx	
R =mq	0.00
S =mq	0.37

Vegetale dx	
R =mq	0.00
S =mq	0.33
Inerbimento sx	
=ml	1.38
Inerbimento dx	
=ml	0.95
Stab. a calce	
R =mq	0.00
S =mq	2.38
Stab. in sito	
R =mq	0.00
S =mq	2.38



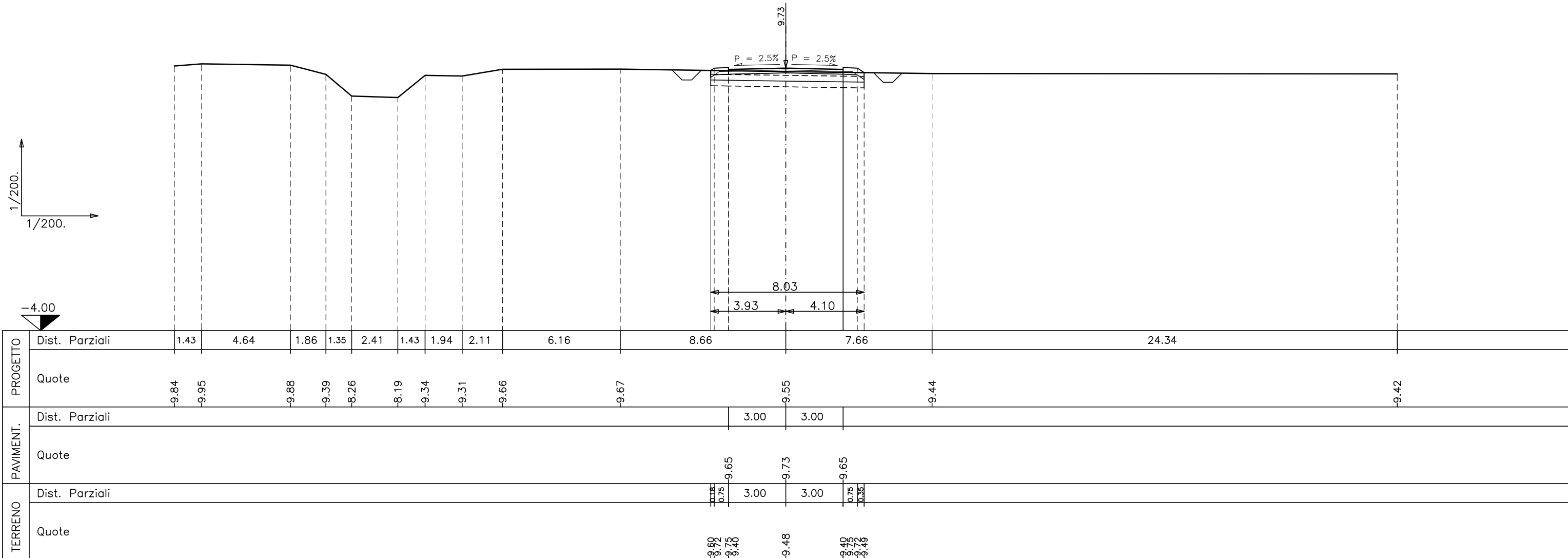
SEZIONE N.V45-2

PROG. 18.00
QP = 9.73

ml 18.00 da sez.n. **V45-1** ← → ml 19.02 a sez.n. **V45-3**

Movimenti di terra	
R1=mq	0.11
R2=mq	0.22
<u>R =mq</u>	<u>0.33</u>
S1=mq	0.64
<u>S =mq</u>	<u>0.64</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.53
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	8.03
Vegetale sx	
R =mq	0.00
S =mq	0.33

Vegetale dx	
R =mq	0.00
S =mq	0.40
Inerbimento sx	
=ml	1.32
Inerbimento dx	
=ml	1.17
Stab. a calce	
R =mq	0.00
S =mq	2.41
Stab. in sito	
R =mq	0.00
S =mq	2.41



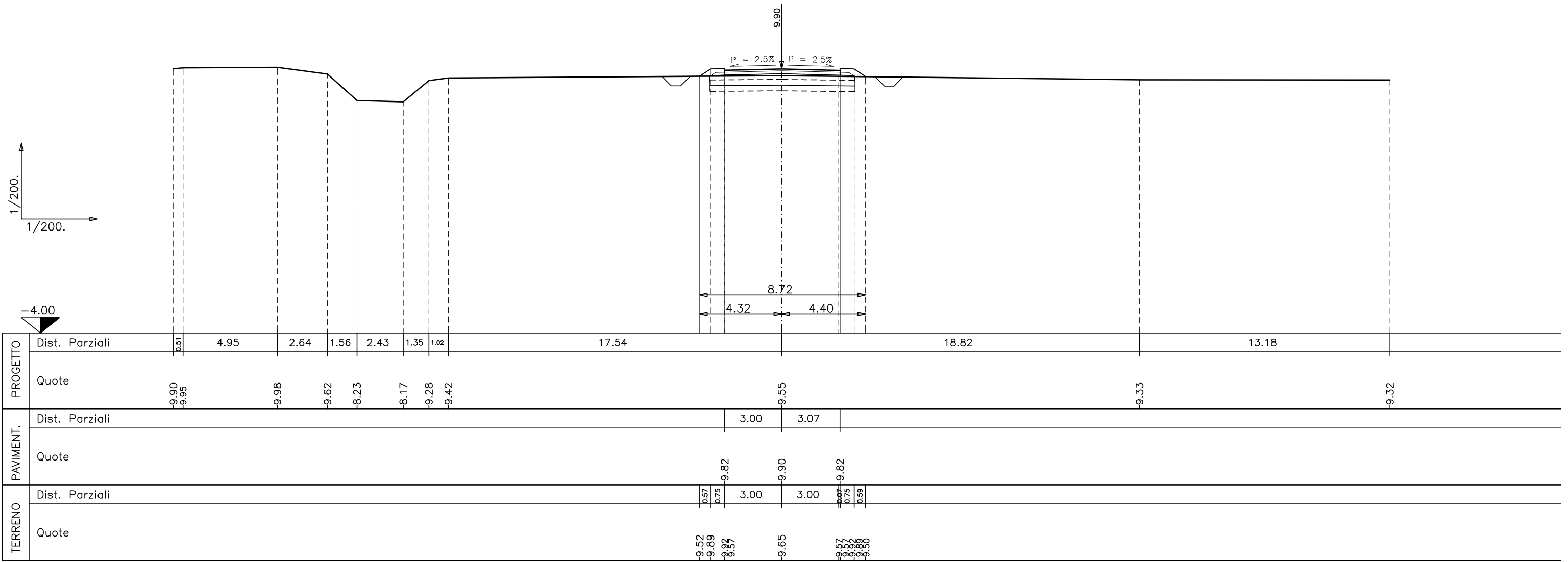
SEZIONE N.V45-3

PROG. 37.02
QP = 9.90

ml 19.02 da sez.n. **V45-2** ← → ml 27.22 a sez.n. **V45-4**

Movimenti di terra	
R1 = mq	0.39
R2 = mq	0.45
R3 = mq	0.42
<u>R = mq</u>	<u>1.26</u>
<u>S = mq</u>	<u>0.00</u>
Binder	
= ml	6.07
Misto granul. stab.	
R = mq	0.91
S = mq	0.00
Fosso sx	
R = mq	0.00
S = mq	0.49
Fosso dx	
R = mq	0.00
S = mq	0.48
Scotico	
= ml	7.63
Vegetale sx	
R = mq	0.00
S = mq	0.38

Vegetale dx	
R = mq	0.00
S = mq	0.38
Inerbimento sx	
= ml	1.78
Inerbimento dx	
= ml	1.46
Stab. a calce	
R = mq	0.00
S = mq	2.29
Stab. in sito	
R = mq	0.00
S = mq	2.29



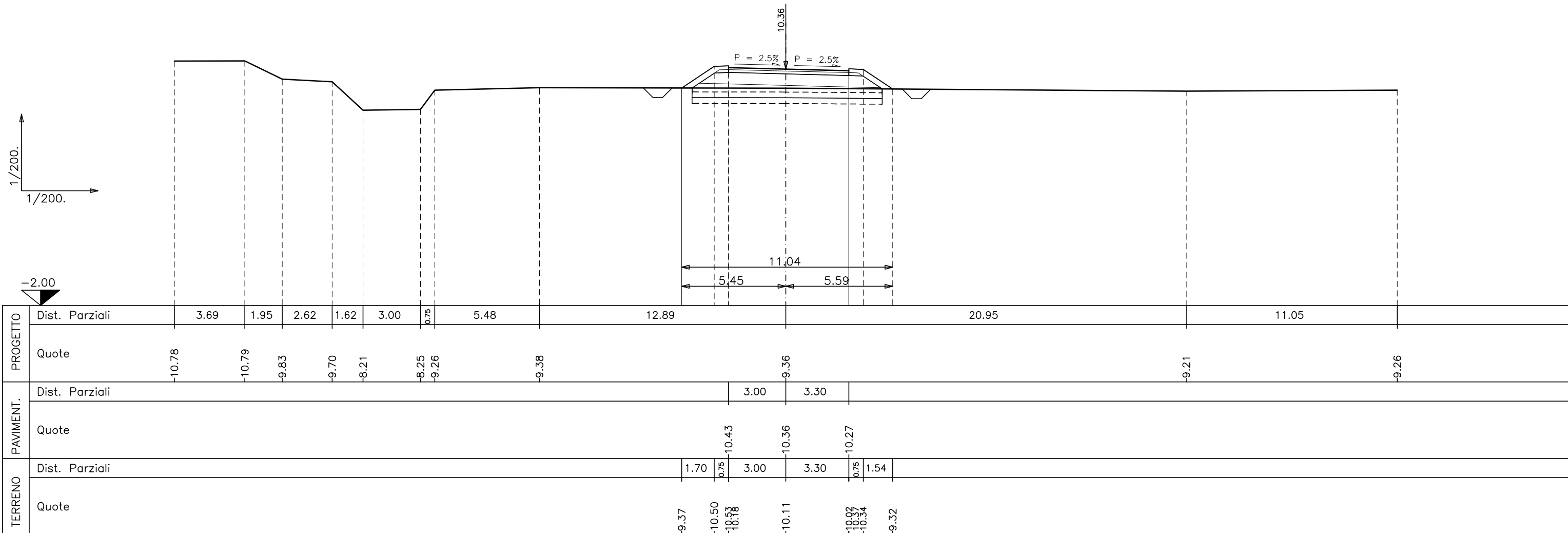
SEZIONE N.V45-4

PROG. 64.24
QP = 10.36

ml 27.22 da sez.n. **V45-3** ← → ml 13.89 a sez.n. **V45-5**

Movimenti di terra	
R1 =mq	8.12
<u>R =mq</u>	<u>8.12</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.30
Misto granul. stab.	
R =mq	0.95
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	9.96
Vegetale sx	
R =mq	0.00
S =mq	0.79
Vegetale dx	
R =mq	0.00

S =mq	0.72
Inerbimento sx	
=ml	3.14
Inerbimento dx	
=ml	2.60
Stab. a calce	
R =mq	0.00
S =mq	2.99
Stab. in sito	
R =mq	0.00
S =mq	2.99



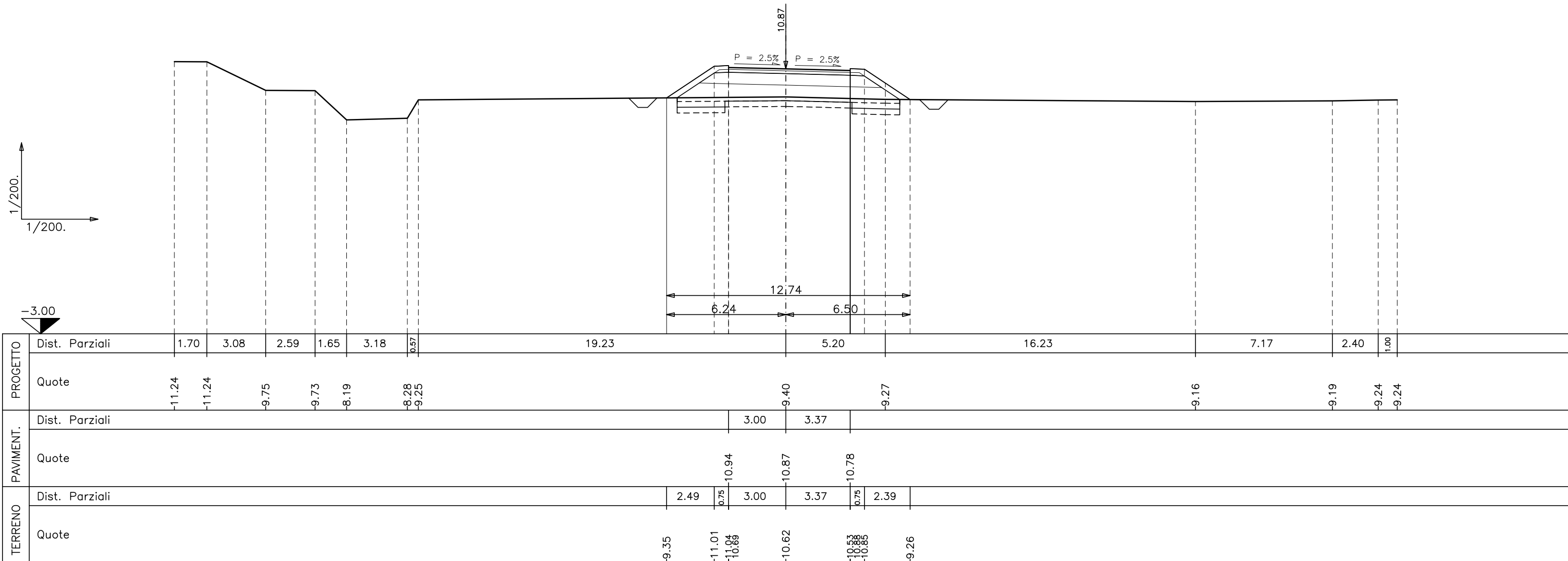
SEZIONE N.V45-5

PROG. 78.13
QP = 10.87

ml 13.89 da sez.n. **V45-4** ← → ml 13.89 a sez.n. **V45-6**

Movimenti di terra	
R1 =mq	14.20
<u>R =mq</u>	<u>14.20</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.37
Misto granul. stab.	
R =mq	0.95
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.48
Scotico	
=ml	11.65
Vegetale sx	
R =mq	0.00
S =mq	1.07
Vegetale dx	

R =mq	0.00
S =mq	1.03
Inerbimento sx	
=ml	4.09
Inerbimento dx	
=ml	3.62
Stab. a calce	
R =mq	0.00
S =mq	1.51
Stab. in sito	
R =mq	0.00
S =mq	3.51



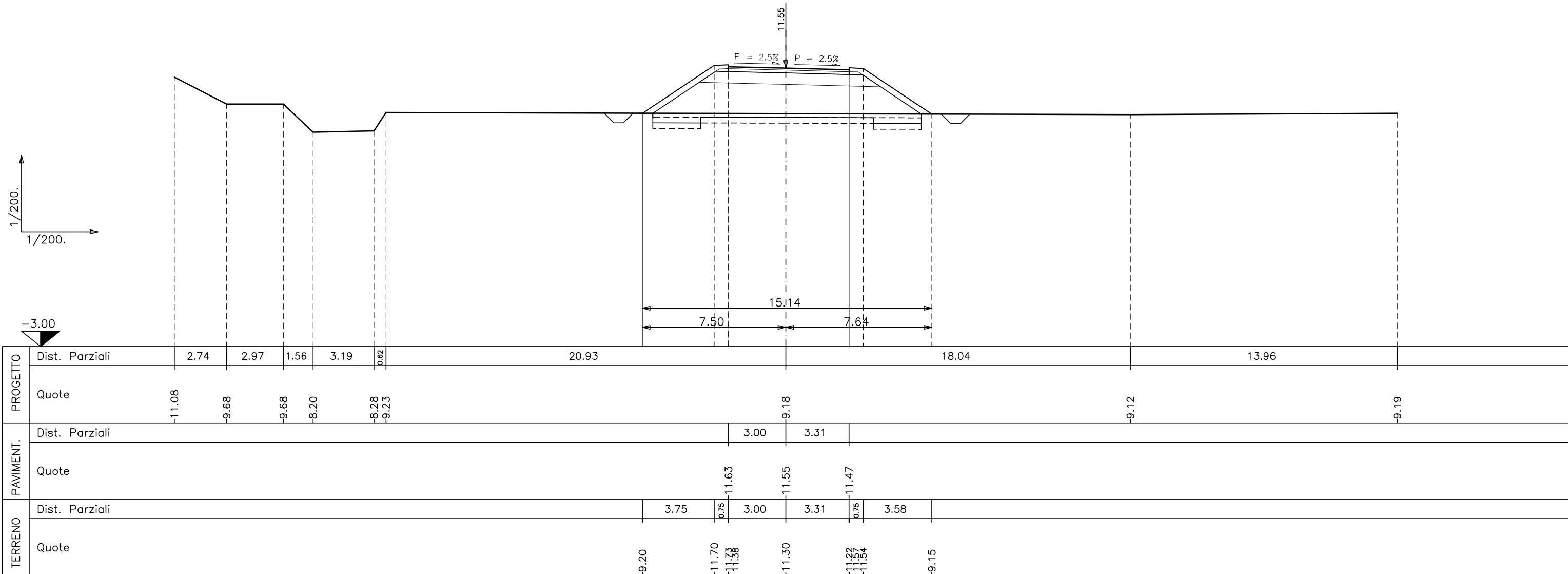
SEZIONE N.V45-6

PROG. 92.03
QP = 11.55

ml 13.89 da sez.n. **V45-5** ← → ml 29.17 a sez.n. **V45-7**

Movimenti di terra	
R1 =mq	26.04
R =mq	26.04
S =mq	0.00
Binder	
=ml	6.31
Misto granul. stab.	
R =mq	0.95
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.50
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	14.06
Vegetale sx	
R =mq	0.00
S =mq	1.53

Vegetale dx	
R =mq	0.00
S =mq	1.46
Inerbimento sx	
=ml	5.61
Inerbimento dx	
=ml	5.06
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	4.22



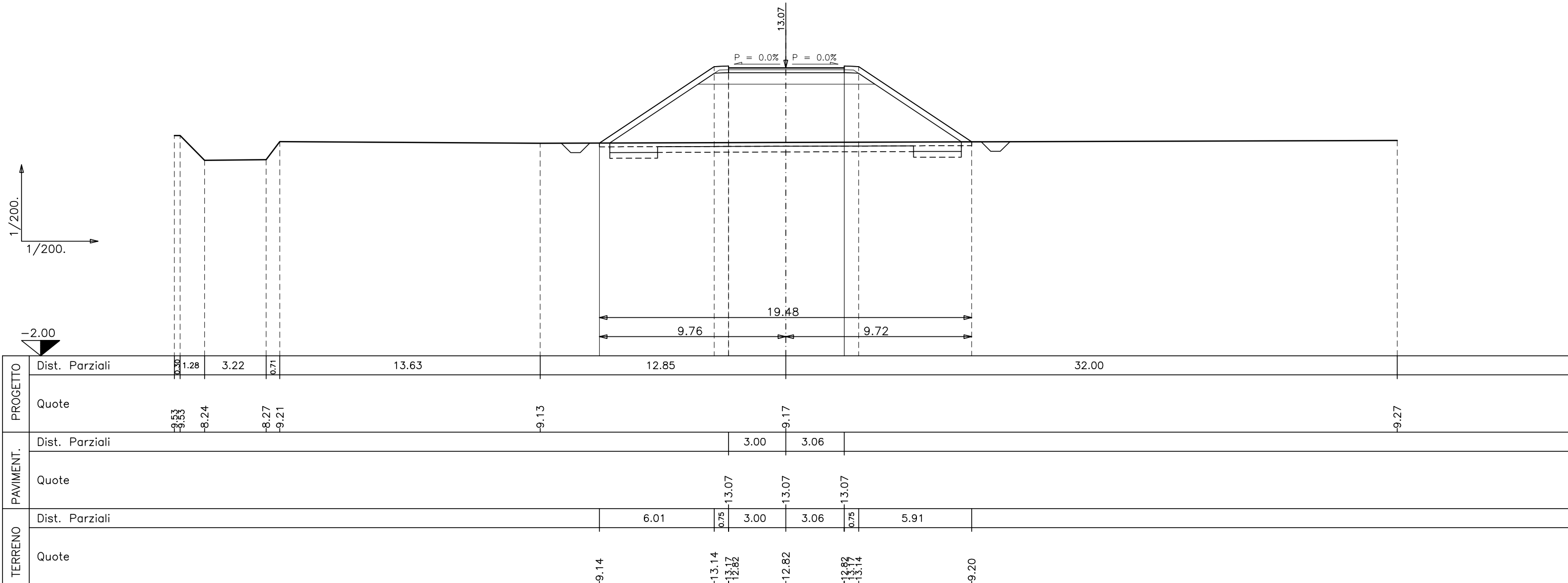
SEZIONE N.V45-7

PROG. 121.20
QP = 13.07

ml 29.17 da sez.n. **V45-6** ← → ml 16.45 a sez.n. **V45-8**

Movimenti di terra	
R1 =mq	51.75
<u>R =mq</u>	<u>51.75</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.06
Misto granul. stab.	
R =mq	0.91
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	19.48
Vegetale sx	
R =mq	0.00
S =mq	2.34

Vegetale dx	
R =mq	0.00
S =mq	2.29
Inerbimento sx	
=ml	8.32
Inerbimento dx	
=ml	7.85
Stab. a calce	
R =mq	0.00
S =mq	1.49
Stab. in sito	
R =mq	0.00
S =mq	5.51



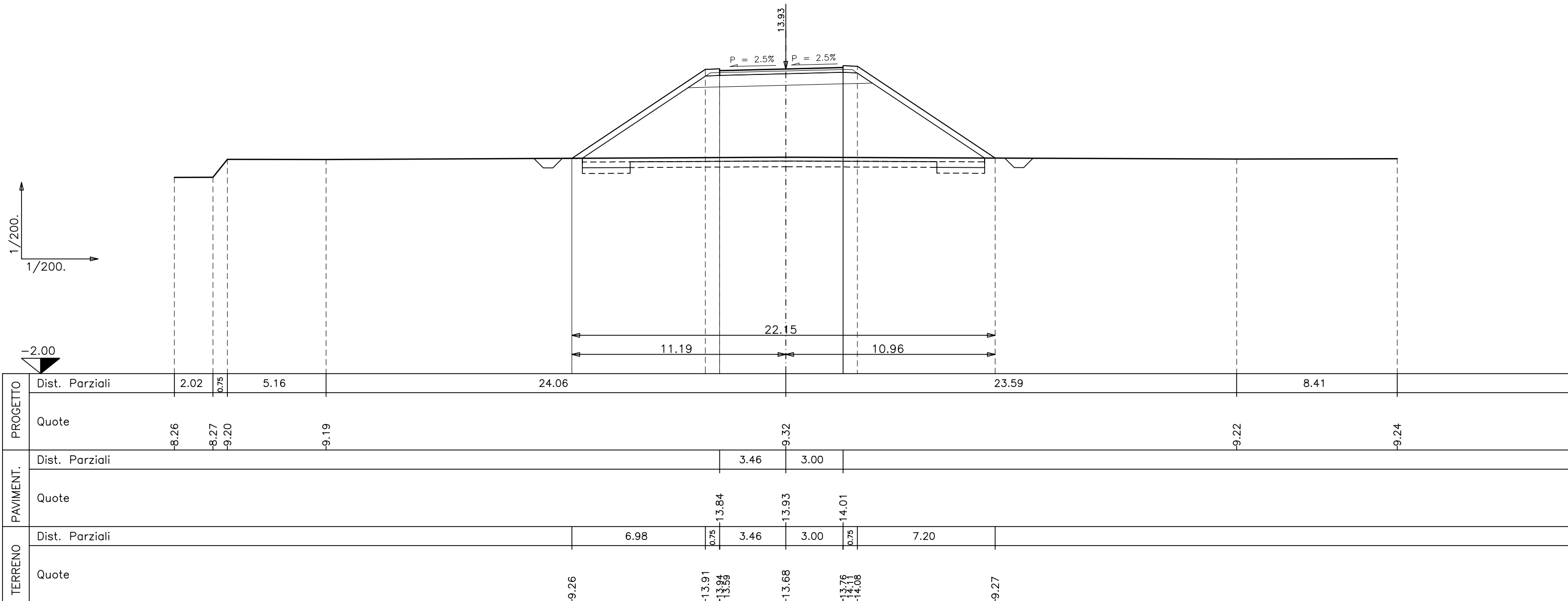
SEZIONE N.V45-8

PROG. 137.65
QP = 13.93

ml 16.45 da sez.n. **V45-7** ← → ml 16.80 a sez.n. **V45-9**

Movimenti di terra	
R1=mq	68.53
<u>R =mq</u>	<u>68.53</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.47
Misto granul. stab.	
R =mq	0.97
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	21.06
Vegetale sx	
R =mq	0.00

S =mq	2.68
Vegetale dx	
R =mq	0.00
S =mq	2.76
Inerbimento sx	
=ml	9.49
Inerbimento dx	
=ml	9.41
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	6.32



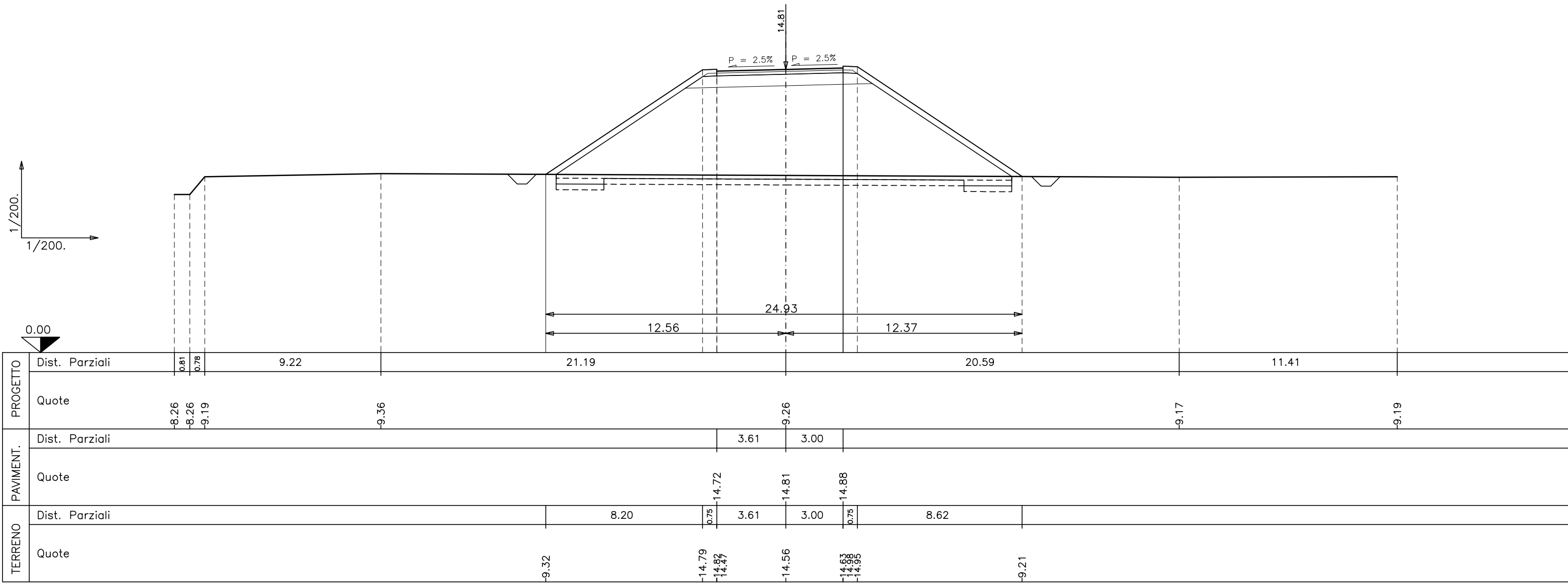
SEZIONE N.V45-9

PROG. 154.45
QP = 14.81

ml 16.80 da sez.n. **V45-8** ← → ml 16.80 a sez.n. **V45-10**

Movimenti di terra	
R1 =mq	90.54
<u>R =mq</u>	<u>90.54</u>
S =mq	0.00
Binder	
=ml	6.61
Misto granul. stab.	
R =mq	0.99
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.51
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	23.84
Vegetale sx	
R =mq	0.00
S =mq	3.14

Vegetale dx	
R =mq	0.00
S =mq	3.27
Inerbimento sx	
=ml	10.96
Inerbimento dx	
=ml	11.10
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	7.14



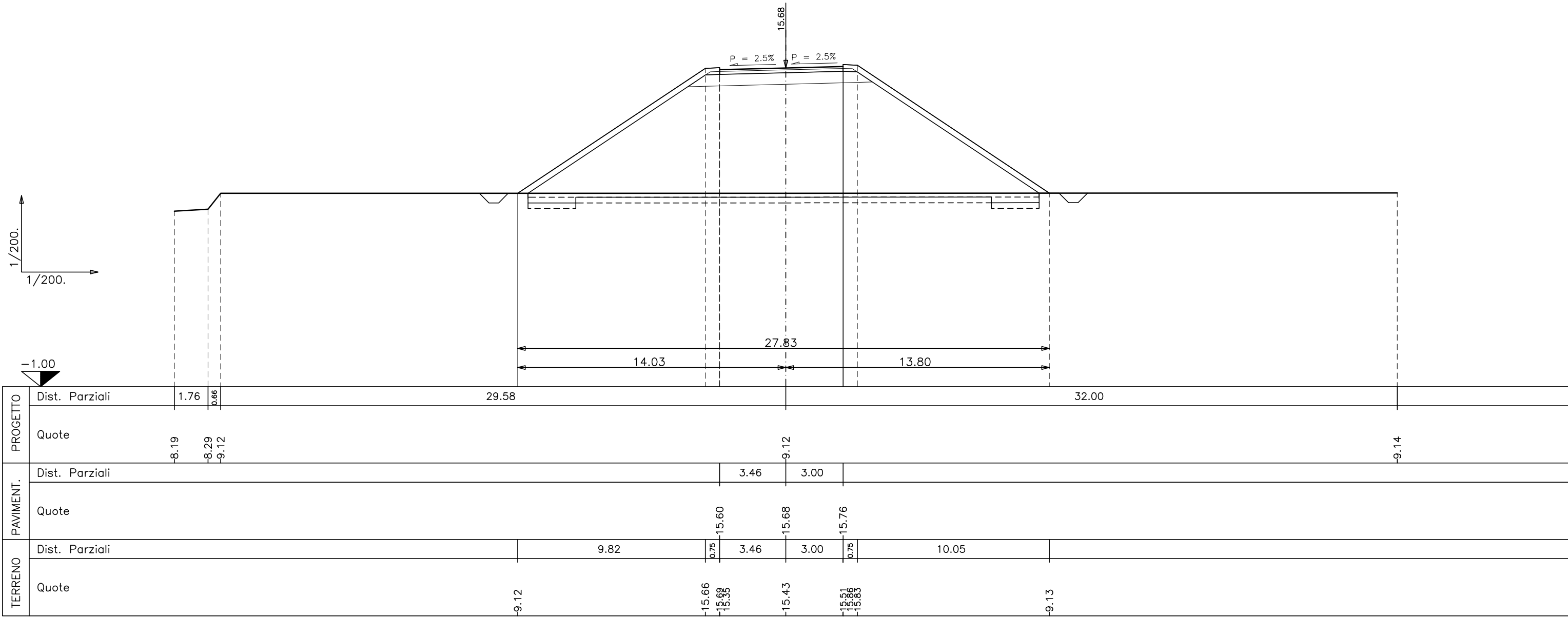
SEZIONE N.V45-10

PROG. 171.25
QP = 15.68

ml 16.80 da sez.n. **V45-9** ← → ml 16.44 a sez.n. **V45-11**

Movimenti di terra	
R1 =mq	116.53
<u>R =mq</u>	<u>116.53</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.47
Misto granul. stab.	
R =mq	0.97
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	26.75
Vegetale sx	

R =mq	0.00
S =mq	3.71
Vegetale dx	
R =mq	0.00
S =mq	3.79
Inerbimento sx	
=ml	12.90
Inerbimento dx	
=ml	12.82
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	8.03



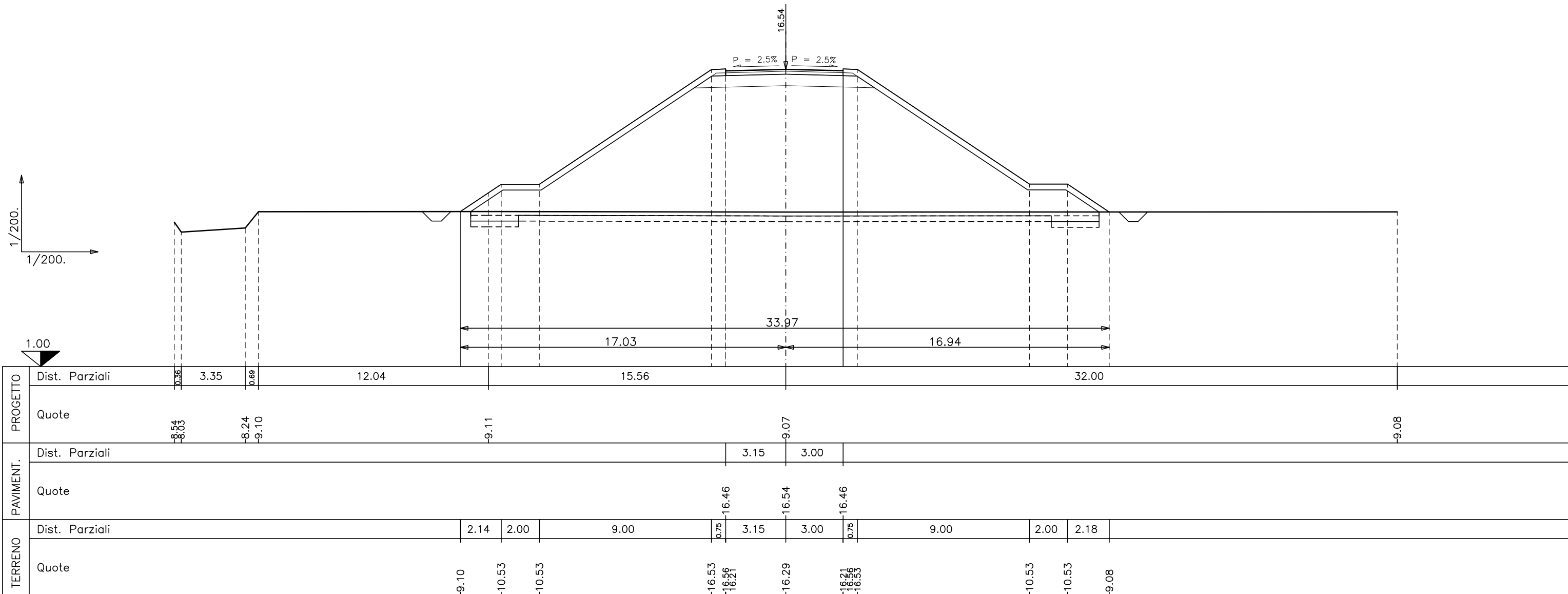
SEZIONE N.V45-11

PROG. 187.70
QP = 16.54

ml 16.44 da sez.n. **V45-10** ← → ml 17.30 a sez.n. **V45-12**

Movimenti di terra	
R1 =mq	144.27
<u>R =mq</u>	<u>144.27</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.15
Misto granul. stab.	
R =mq	0.92
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	32.88
Vegetale sx	
R =mq	0.00
S =mq	4.78

Vegetale dx	
R =mq	0.00
S =mq	4.80
Inerbimento sx	
=ml	16.49
Inerbimento dx	
=ml	16.19
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	9.87



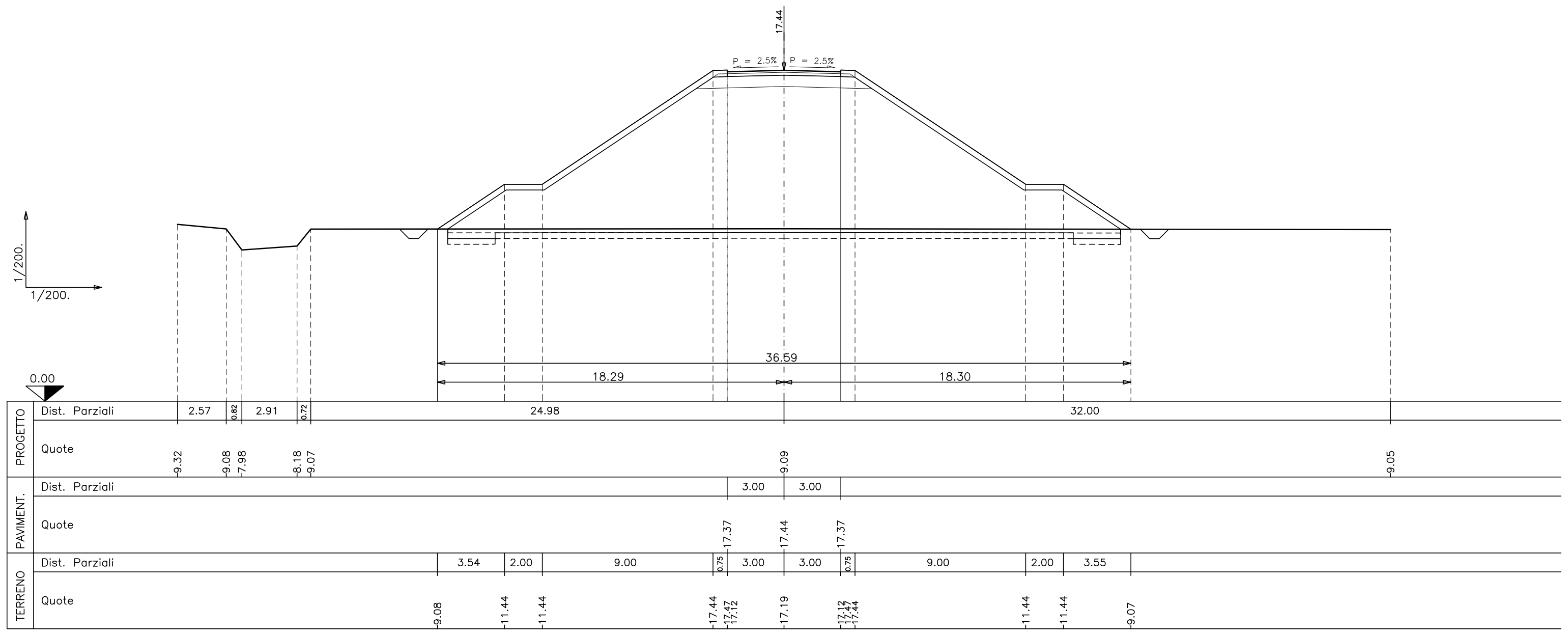
SEZIONE N.V45-12

PROG. 205.00
QP = 17.44

ml 17.30 da sez.n. **V45-11** ← → ml 16.29 a sez.n. **V45-13**

Movimenti di terra	
R =mq	175.14
S =mq	175.14
<hr/>	
R =mq	0.00
S =mq	0.00
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.50
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	35.51
Vegetale sx	

R =mq	0.00
S =mq	5.29
Vegetale dx	
R =mq	0.00
S =mq	5.29
Inerbimento sx	
=ml	18.17
Inerbimento dx	
=ml	17.84
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	10.65



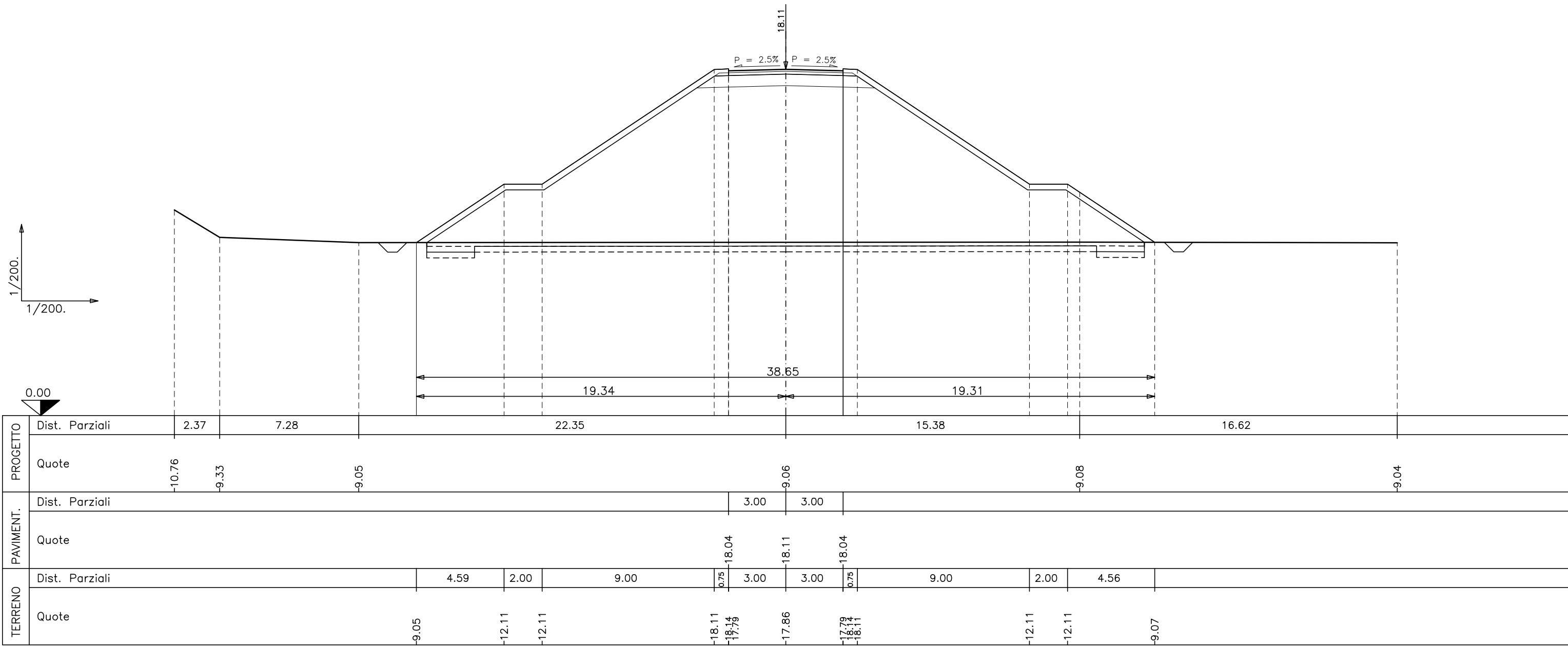
SEZIONE N.V45-13

PROG. 221.29
QP = 18.11

ml 16.29 da sez.n. **V45-12** ← → ml 25.00 a sez.n. **V45-14**

Movimenti di terra	
R1 =mq	201.08
<u>R =mq</u>	<u>201.08</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	37.56

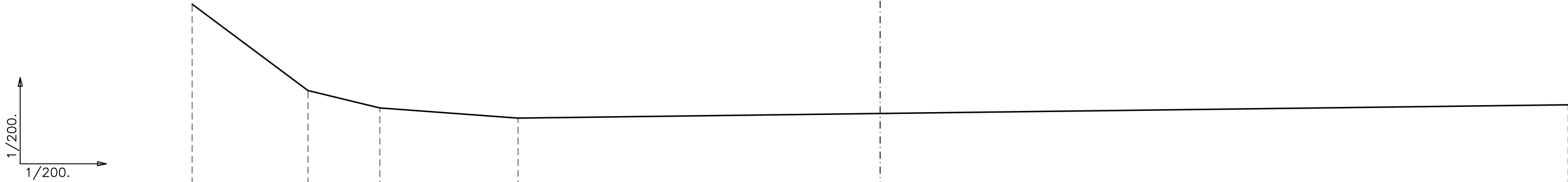
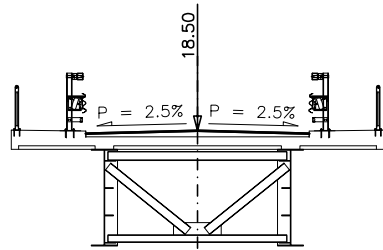
Vegetale sx	
R =mq	0.00
S =mq	5.66
Vegetale dx	
R =mq	0.00
S =mq	5.65
Inerbimento sx	
=ml	19.43
Inerbimento dx	
=ml	19.05
Stab. a calce	
R =mq	0.00
S =mq	1.49
Stab. in sito	
R =mq	0.00
S =mq	11.26



SEZIONE N.V45-14

PROG. 246.29
QP = 18.50

ml 25.00 da sez.n. **V45-13** ← → ml 23.50 a sez.n. **V45-15**

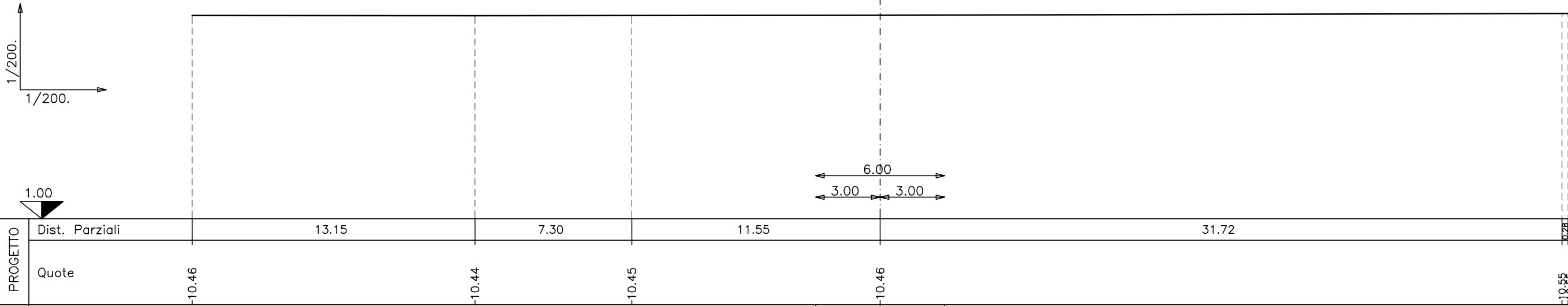
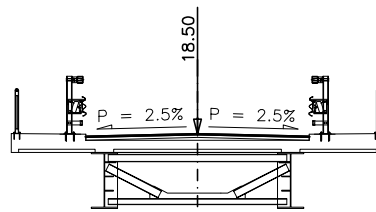


PROGETTO	Dist. Parziali	5.39	3.34	6.43	16.84	32.00	
	Quote	-13.42	-9.40	-8.59	-8.12	-8.34	-8.74
PAVIMENT.	Dist. Parziali				3.00	3.00	
	Quote				-18.33	-18.50	-18.33
TERRENO	Dist. Parziali						
	Quote						

SEZIONE N.V45-15

PROG. 269.79
QP = 18.50

ml 23.50 da sez.n. **V45-14** ← → ml 23.50 a sez.n. **V45-16**

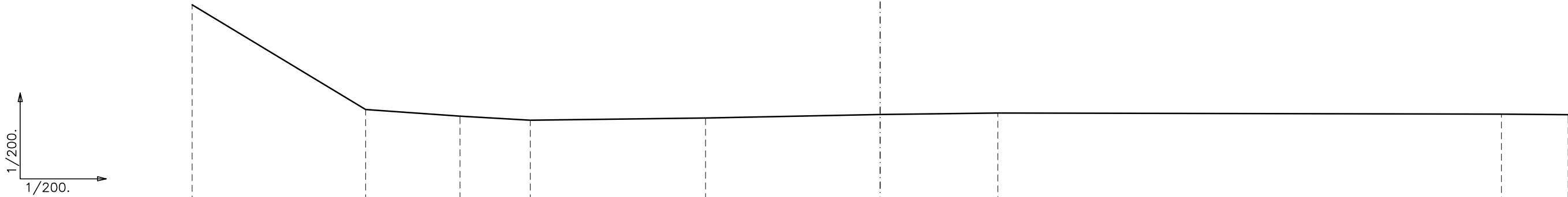
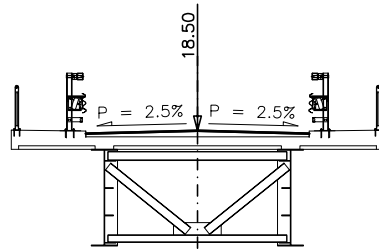


	PROGETTO					
	Dist. Parziali	13.15	7.30	11.55	31.72	0.25
PAVIMENT.	Quote	-10.46	-10.44	-10.45	10.46	-10.95
	Dist. Parziali			3.00	3.00	
TERRENO	Quote			-18.33	-18.50	-18.43
	Dist. Parziali					

SEZIONE N.V45-16

PROG. 293.29
QP = 18.50

ml 23.50 da sez.n. **V45-15** ← → ml 25.00 a sez.n. **V45-17**



	PROGETTO																
	Dist. Parziali	8.07	4.39	3.26	8.16	8.12	5.47	23.43	3.10								
Quote	-14.11	-9.23	-8.92	-8.73	-8.83	-8.99	-9.07	-9.01	-8.98								
	PAVIMENT.																
	Dist. Parziali						3.00	3.00									
Quote						18.33	18.42	18.50	18.43								
	TERRENO																
	Dist. Parziali	8.07	4.19	5.00	2.00	9.00	0.75	3.00	3.00	0.75	9.00	2.00	4.66	9.48	3.10		
Quote	-14.11	-9.23	-8.63	-11.96	-11.96	-17.96	-17.99	-17.84	-17.72	-17.64	-17.99	-17.96	-11.96	-11.96	-8.85	-9.01	-8.98

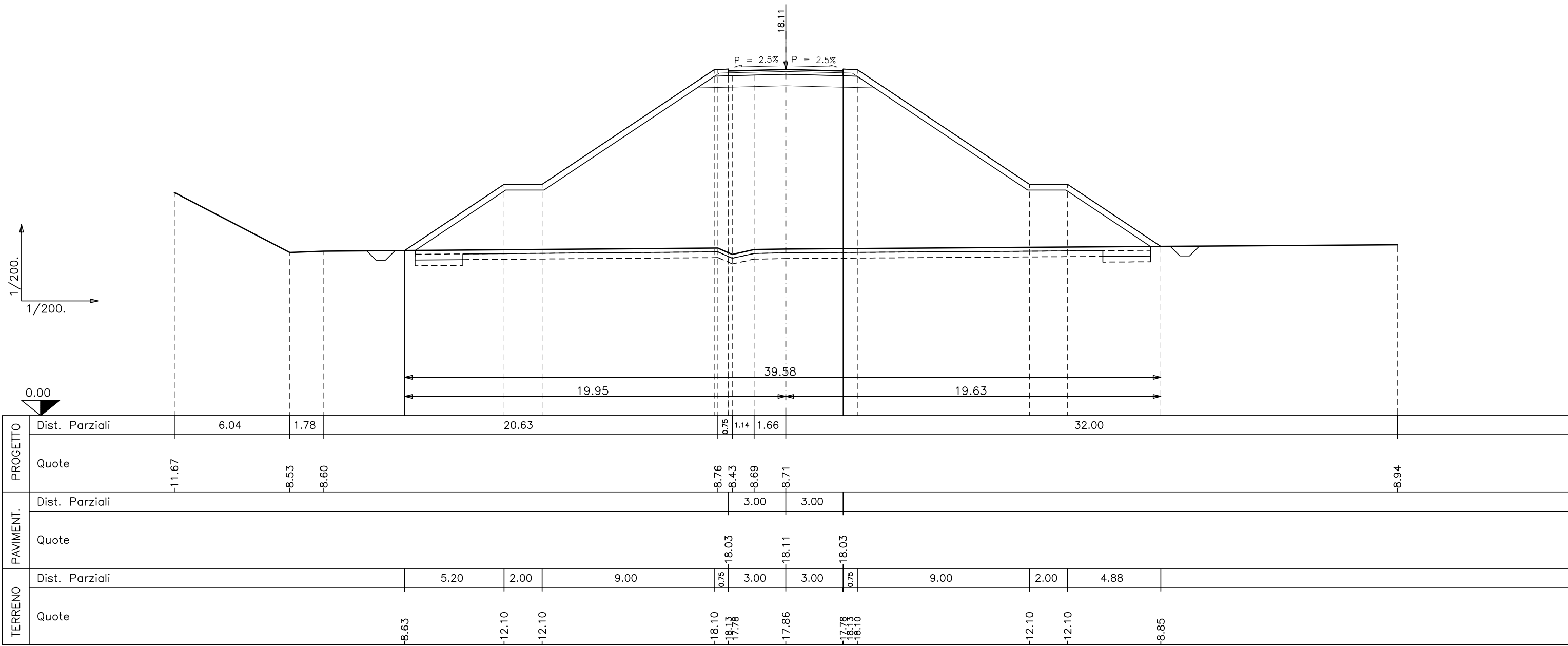
SEZIONE N.V45-17

PROG. 318.29
QP = 18.11

ml 25.00 da sez.n. **V45-16** ← → ml 4.11 a sez.n. **V45-18**

Movimenti di terra	
R1 =mq	213.64
<u>R =mq</u>	<u>213.64</u>
S =mq	0.00
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.51
Scotico	
=ml	38.49

Vegetale sx	
R =mq	0.00
S =mq	5.87
Vegetale dx	
R =mq	0.00
S =mq	5.77
Inerbimento sx	
=ml	20.17
Inerbimento dx	
=ml	19.43
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	11.54

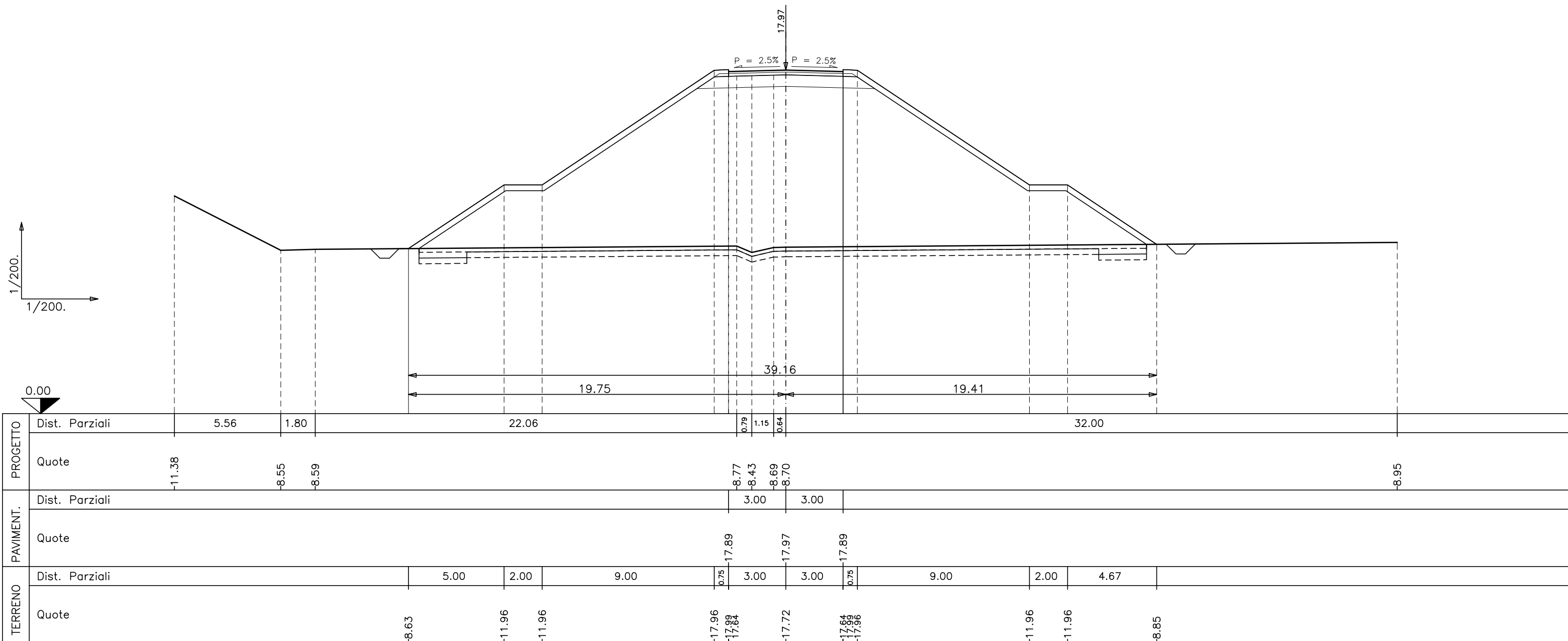


SEZIONE N.V45-18

PROG. 322.40
QP = 17.97

ml 4.11 da sez.n. **V45-17** ← → ml 13.91 a sez.n. **V45-19**

Movimenti di terra		Vegetale sx	
R1 =mq	208.23	R =mq	0.00
R =mq	208.23	S =mq	5.81
S =mq	0.00	Vegetale dx	
Binder	=ml 6.00	R =mq	0.00
Misto granul. stab.		S =mq	5.70
R =mq	0.90	Inerbimento sx	=ml 19.92
S =mq	0.00	Inerbimento dx	=ml 19.17
Fosso sx		Stab. a calce	
R =mq	0.00	R =mq	0.00
S =mq	0.49	S =mq	1.50
Fosso dx		Stab. in sito	
R =mq	0.00	R =mq	0.00
S =mq	0.51	S =mq	11.42
Scotico			
=ml	38.08		



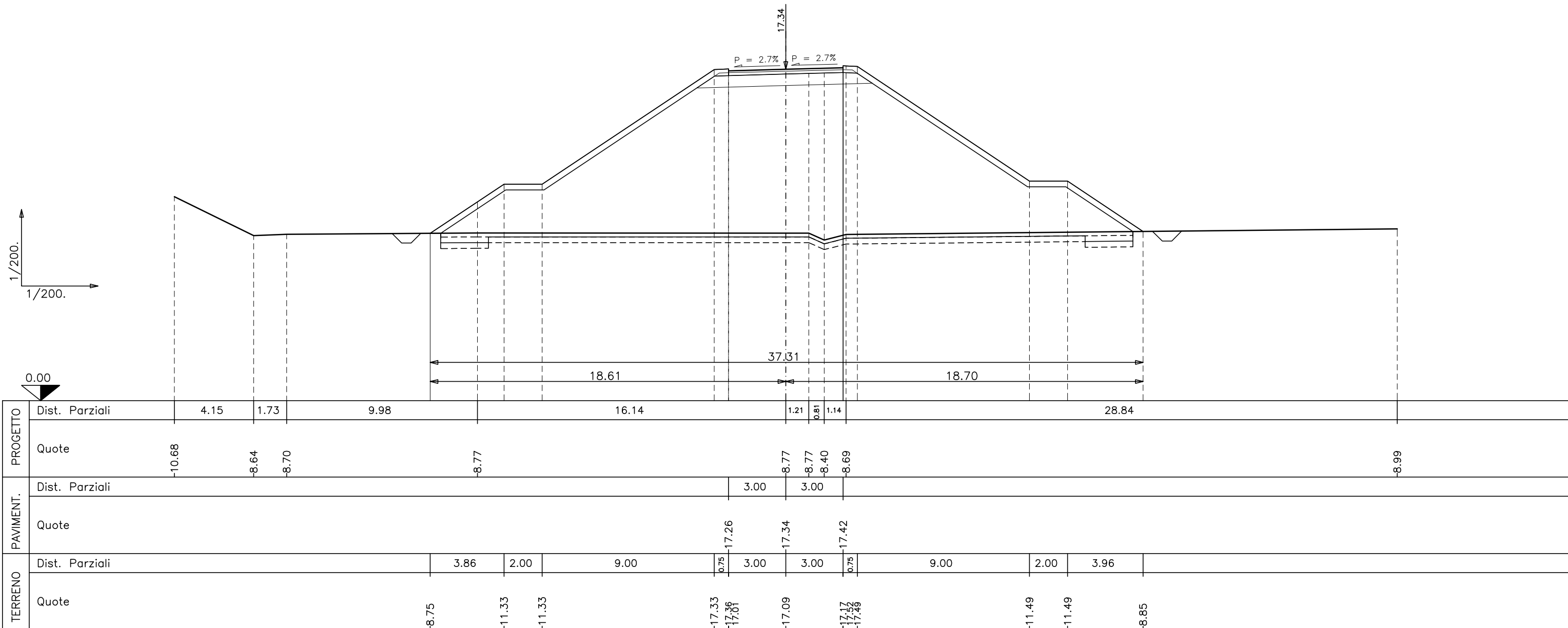
SEZIONE N.V45-19

PROG. 336.31
QP = 17.34

ml 13.91 da sez.n. **V45-18** ← → ml 14.45 a sez.n. **V45-20**

Movimenti di terra	
R1 =mq	185.88
<hr/>	
R =mq	185.88
<hr/>	
S =mq	0.00
<hr/>	
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.53
Scotico	
=ml	36.23
Vegetale sx	

R =mq	0.00
S =mq	5.41
Vegetale dx	
R =mq	0.00
S =mq	5.44
Inerbimento sx	
=ml	18.56
Inerbimento dx	
=ml	18.31
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	10.86



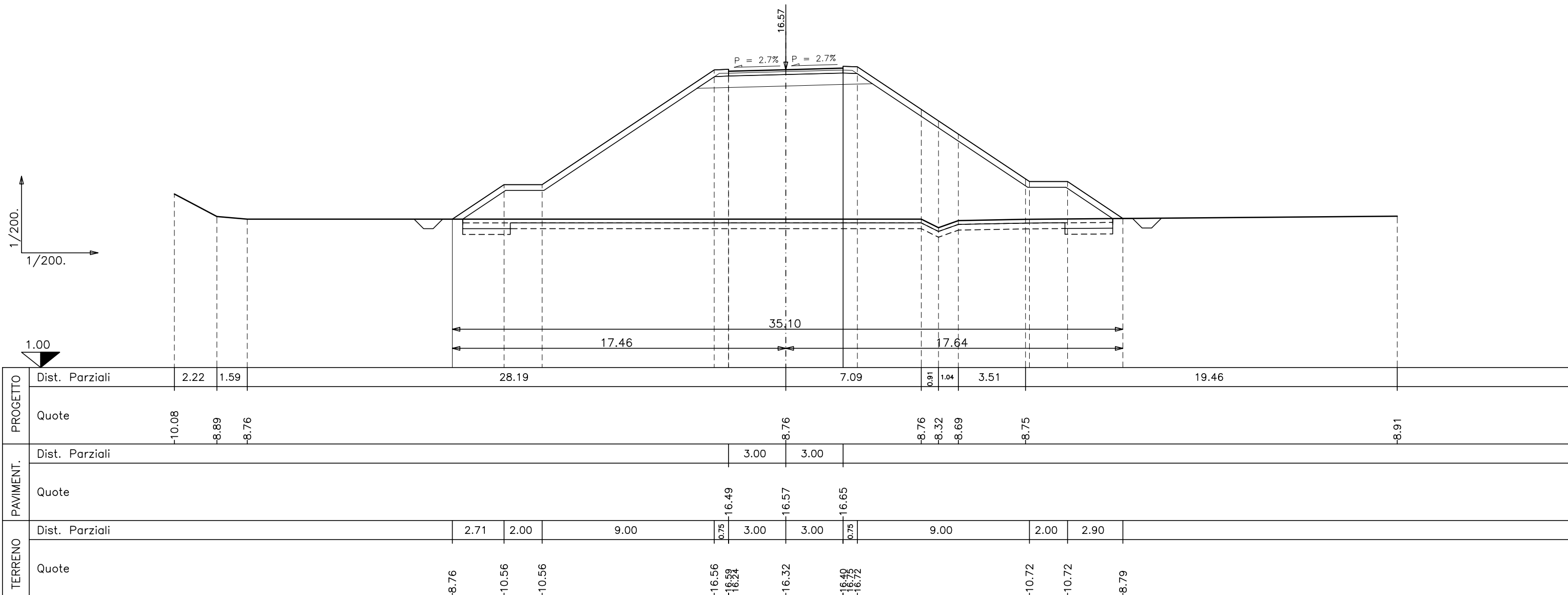
SEZIONE N.V45-20

PROG. 350.77
QP = 16.57

ml 14.45 da sez.n. **V45-19** ← → ml 17.66 a sez.n. **V45-21**

Movimenti di terra	
R1=mq	158.51
<u>R =mq</u>	<u>158.51</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.52
Scotico	
=ml	34.03
Vegetale sx	
R =mq	0.00

S =mq	4.99
Vegetale dx	
R =mq	0.00
S =mq	5.06
Inerbimento sx	
=ml	17.17
Inerbimento dx	
=ml	17.05
Stab. a calce	
R =mq	0.00
S =mq	1.49
Stab. in sito	
R =mq	0.00
S =mq	10.19



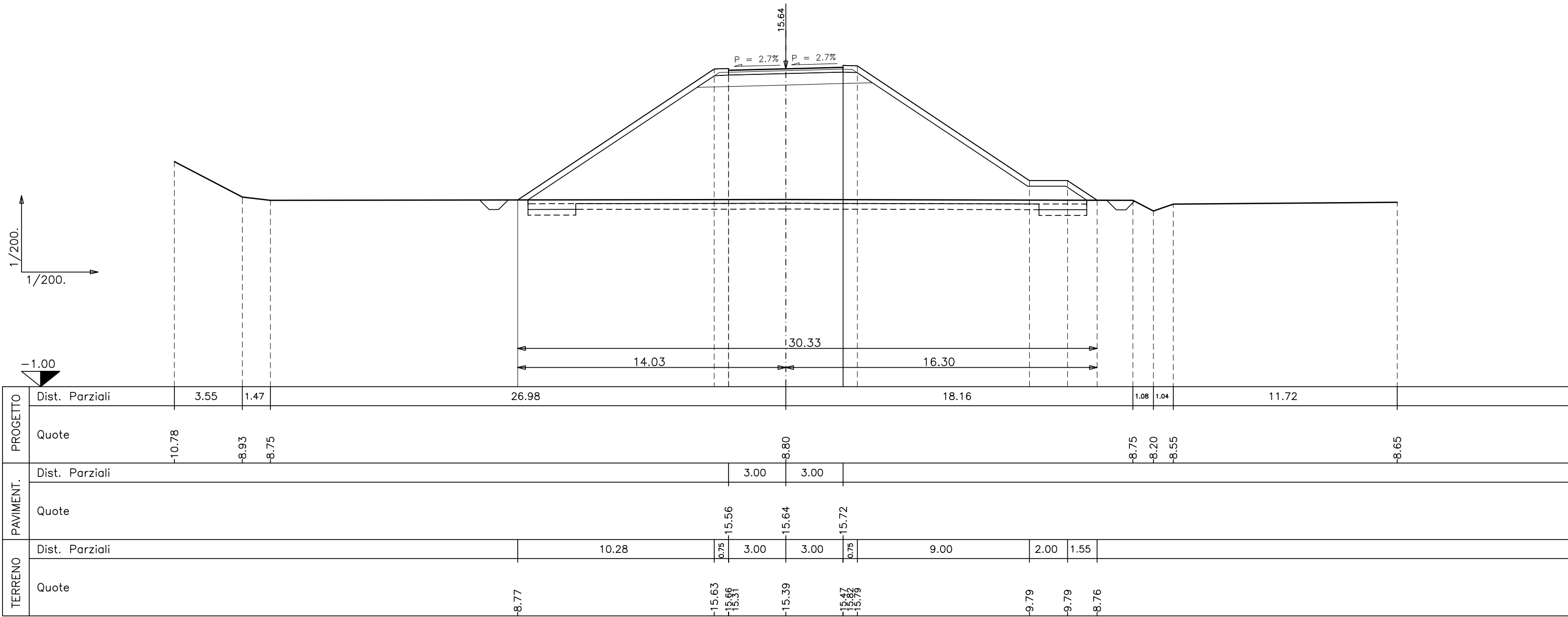
SEZIONE N.V45-21

PROG. 368.43
QP = 15.64

ml 17.66 da sez.n. **V45-20** ← → ml 16.34 a sez.n. **V45-22**

Movimenti di terra	
R1 =mq	124.06
<u>R =mq</u>	<u>124.06</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	29.24
Vegetale sx	

R =mq	0.00
S =mq	3.88
Vegetale dx	
R =mq	0.00
S =mq	4.57
Inerbimento sx	
=ml	13.46
Inerbimento dx	
=ml	15.42
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	8.77



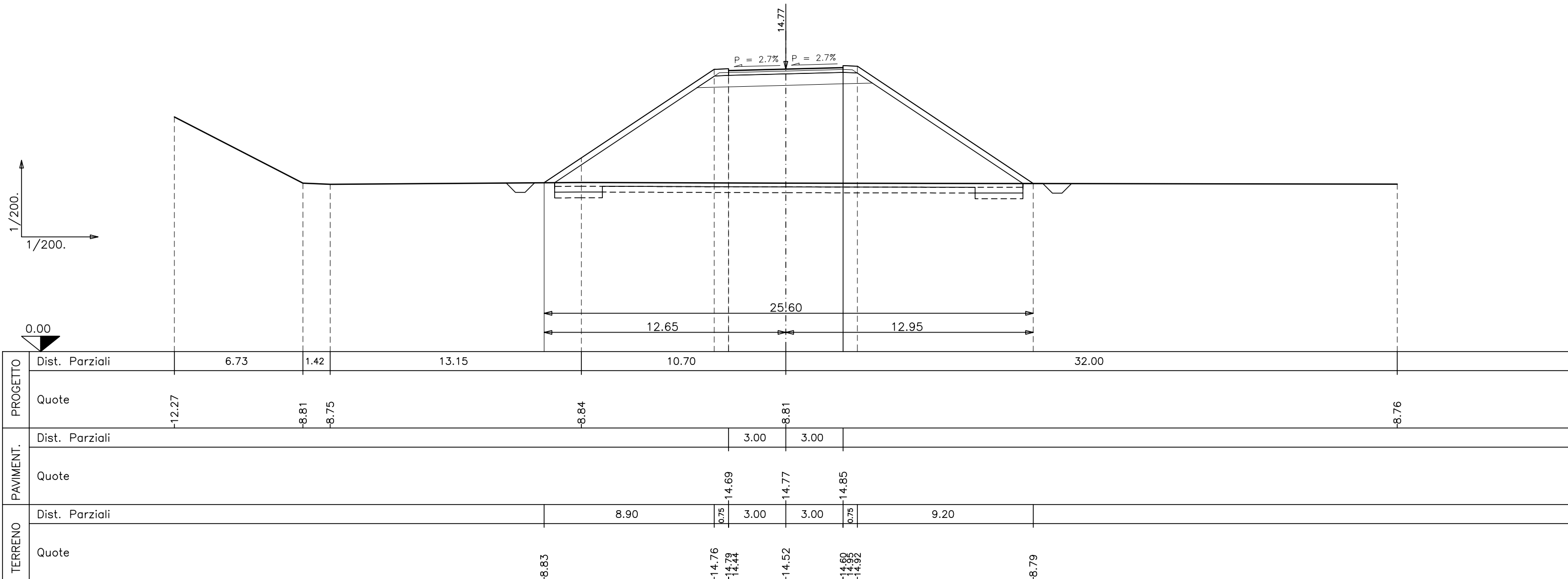
SEZIONE N.V45-22

PROG. 384.77
QP = 14.77

ml 16.34 da sez.n. **V45-21** ← → ml 15.91 a sez.n. **V45-23**

Movimenti di terra	
R1 =mq	97.85
<u>R =mq</u>	<u>97.85</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.49
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	24.51
Vegetale sx	
R =mq	0.00
S =mq	3.38

Vegetale dx	
R =mq	0.00
S =mq	3.48
Inerbimento sx	
=ml	11.80
Inerbimento dx	
=ml	11.81
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	7.35



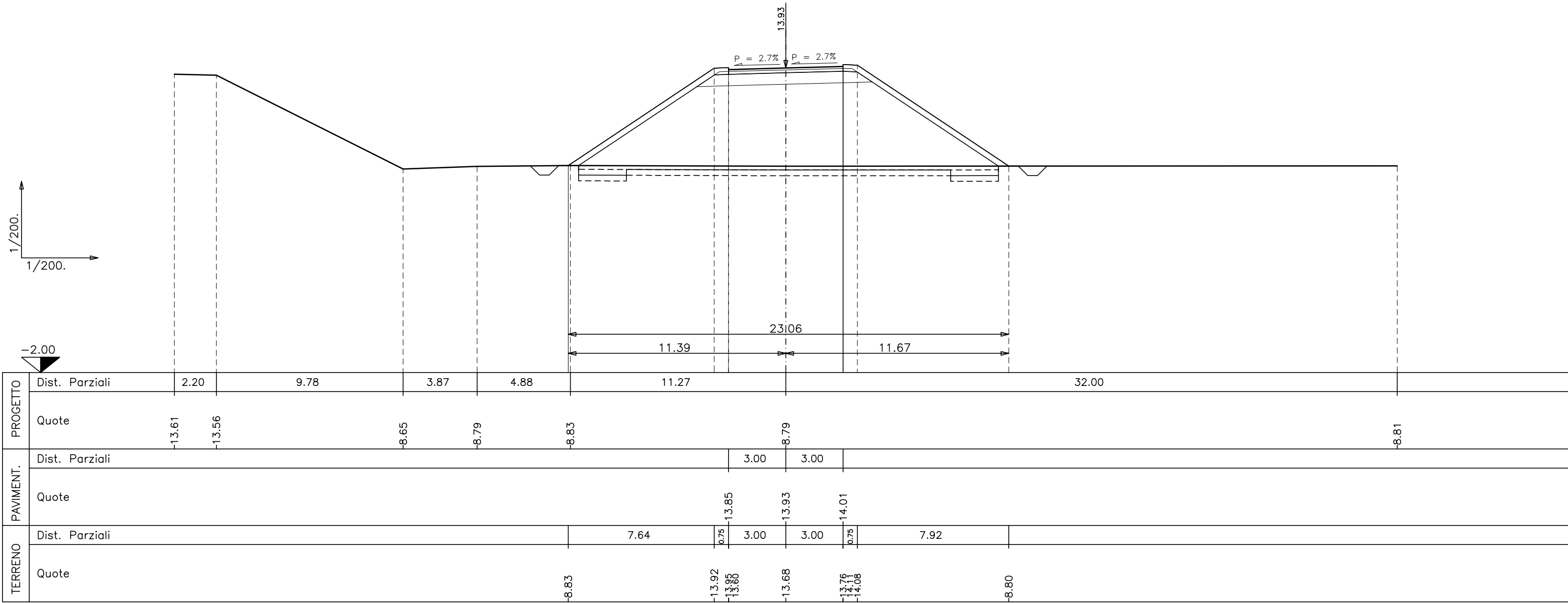
SEZIONE N.V45-23

PROG. 400.68
QP = 13.93

ml 15.91 da sez.n. **V45-22** ← → ml 13.91 a sez.n. **V45-24**

Movimenti di terra	
R1=mq	77.65
<u>R =mq</u>	<u>77.65</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.48
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	21.98
Vegetale sx	
R =mq	0.00

S =mq	2.93
Vegetale dx	
R =mq	0.00
S =mq	3.03
Inerbimento sx	
=ml	10.28
Inerbimento dx	
=ml	10.27
Stab. a calce	
R =mq	0.00
S =mq	1.50
Stab. in sito	
R =mq	0.00
S =mq	6.59



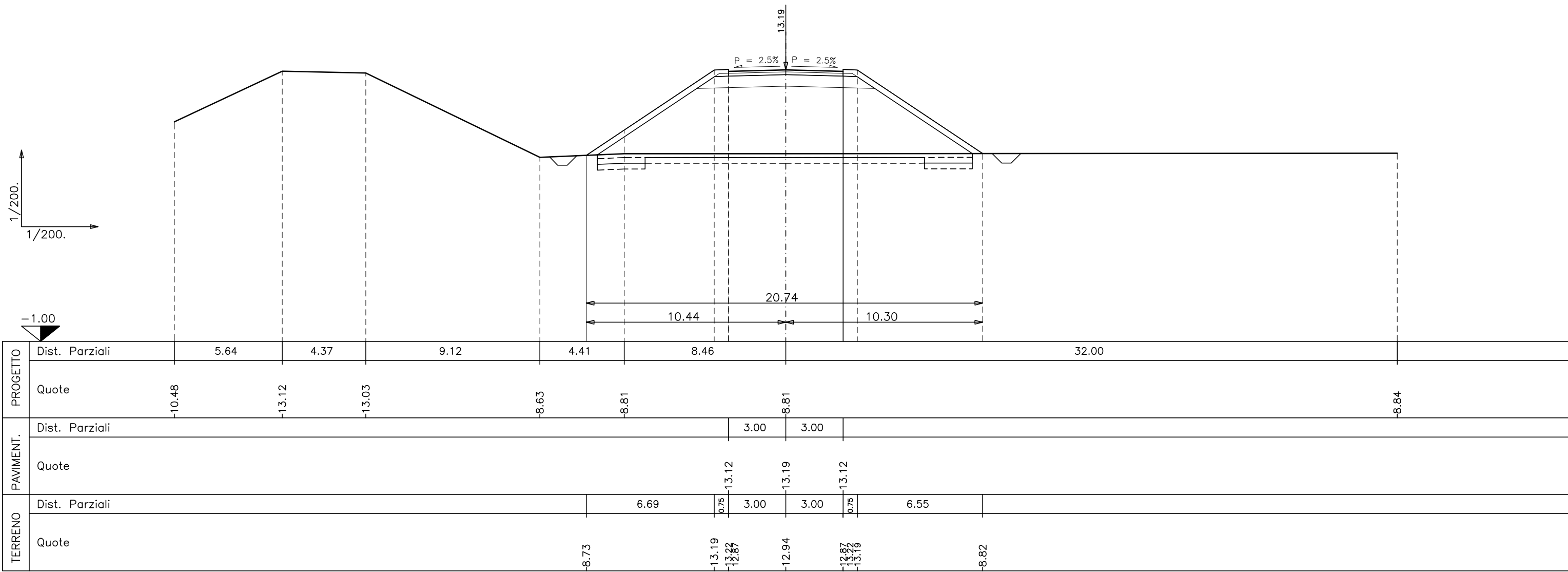
SEZIONE N.V45-24

PROG. 414.59
QP = 13.19

ml 13.91 da sez.n. **V45-23** ← → ml 1.35 a sez.n. **V45-25**

Movimenti di terra	
R1 =mq	59.92
<u>R =mq</u>	<u>59.92</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.45
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	19.62
Vegetale sx	
R =mq	0.00
S =mq	2.57
Vegetale dx	

R =mq	0.00
S =mq	2.53
Inerbimento sx	
=ml	9.14
Inerbimento dx	
=ml	8.62
Stab. a calce	
R =mq	0.00
S =mq	1.49
Stab. in sito	
R =mq	0.00
S =mq	5.88



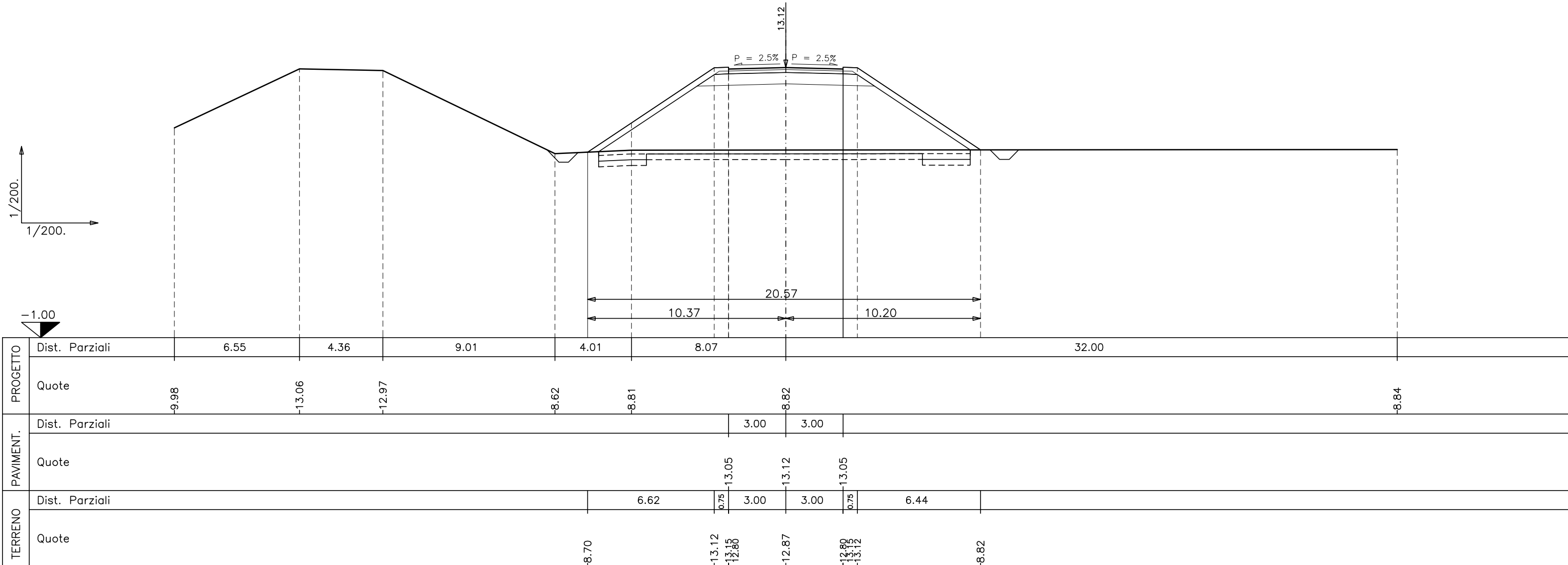
SEZIONE N.V45-25

PROG. 415.94
QP = 13.12

ml 1.35 da sez.n. **V45-24** ← → ml 9.99 a sez.n. **V45-26**

Movimenti di terra	
R1 =mq	58.47
<u>R =mq</u>	<u>58.47</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso sx	
R =mq	0.00
S =mq	0.46
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	19.45
Vegetale sx	
R =mq	0.00
S =mq	2.54
Vegetale dx	

R =mq	0.00
S =mq	2.49
Inerbimento sx	
=ml	9.06
Inerbimento dx	
=ml	8.49
Stab. a calce	
R =mq	0.00
S =mq	1.49
Stab. in sito	
R =mq	0.00
S =mq	5.82



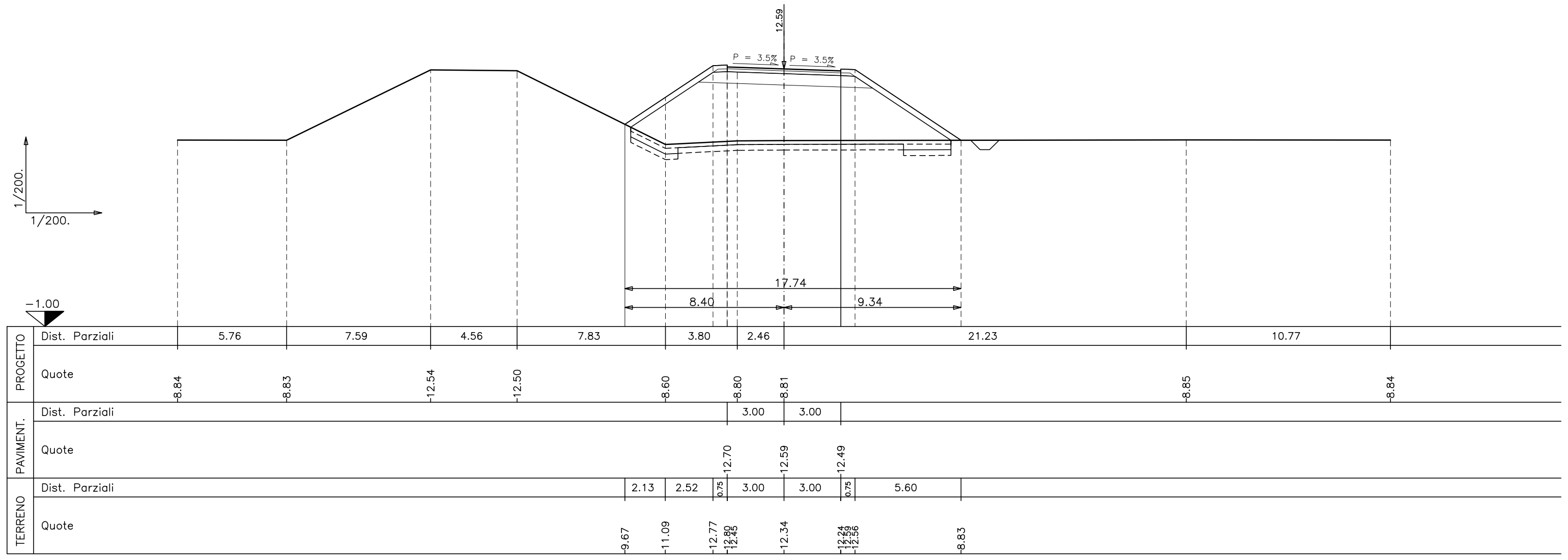
SEZIONE N.V45-26

PROG. 425.93
QP = 12.59

ml 9.99 da sez.n. **V45-25** ← → ml 14.32 a sez.n. **V45-27**

Movimenti di terra	
R1=mq	2.64
R2=mq	45.75
<u>R =mq</u>	<u>48.39</u>
<u>S =mq</u>	<u>0.00</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	16.90
Vegetale sx	
R =mq	0.00
S =mq	1.89
Vegetale dx	
R =mq	0.00
S =mq	2.19
Inerbimento sx	

=ml	6.69
Inerbimento dx	
=ml	7.47
Stab. a calce	
R =mq	0.00
S =mq	1.49
Stab. in sito	
R =mq	0.00
S =mq	5.06



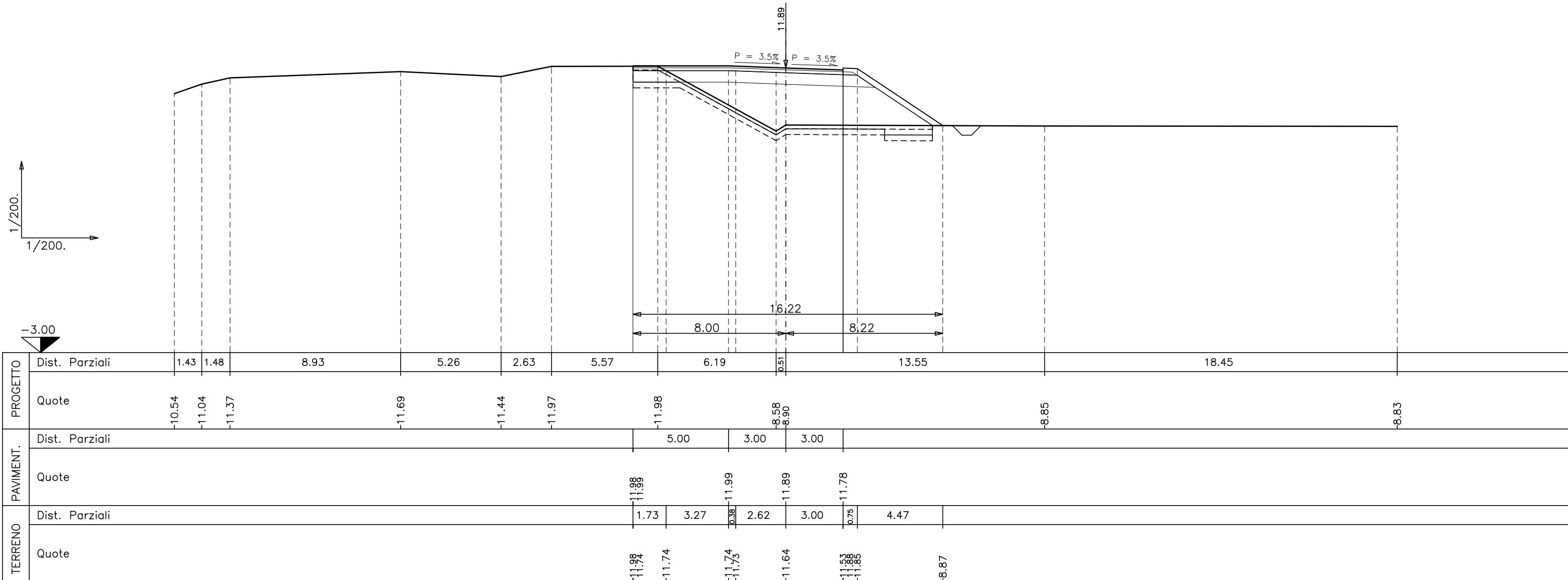
SEZIONE N.V45-27

PROG. 440.25
QP = 11.89

ml 14.32 da sez.n. **V45-26** ← → ml 14.32 a sez.n. **V45-28**

Movimenti di terra	
R1=mq	3.65
R2=mq	23.74
<u>R =mq</u>	<u>27.39</u>
S1=mq	0.36
<u>S =mq</u>	<u>0.36</u>
Binder	
=ml	11.00
Misto granul. stab.	
R =mq	1.65
S =mq	0.00
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	15.68
Vegetale dx	
R =mq	0.00
S =mq	1.78
Inerbimento dx	
=ml	6.12

Stab. a calce	
R =mq	0.00
S =mq	1.94
Stab. in sito	
R =mq	0.00
S =mq	4.68



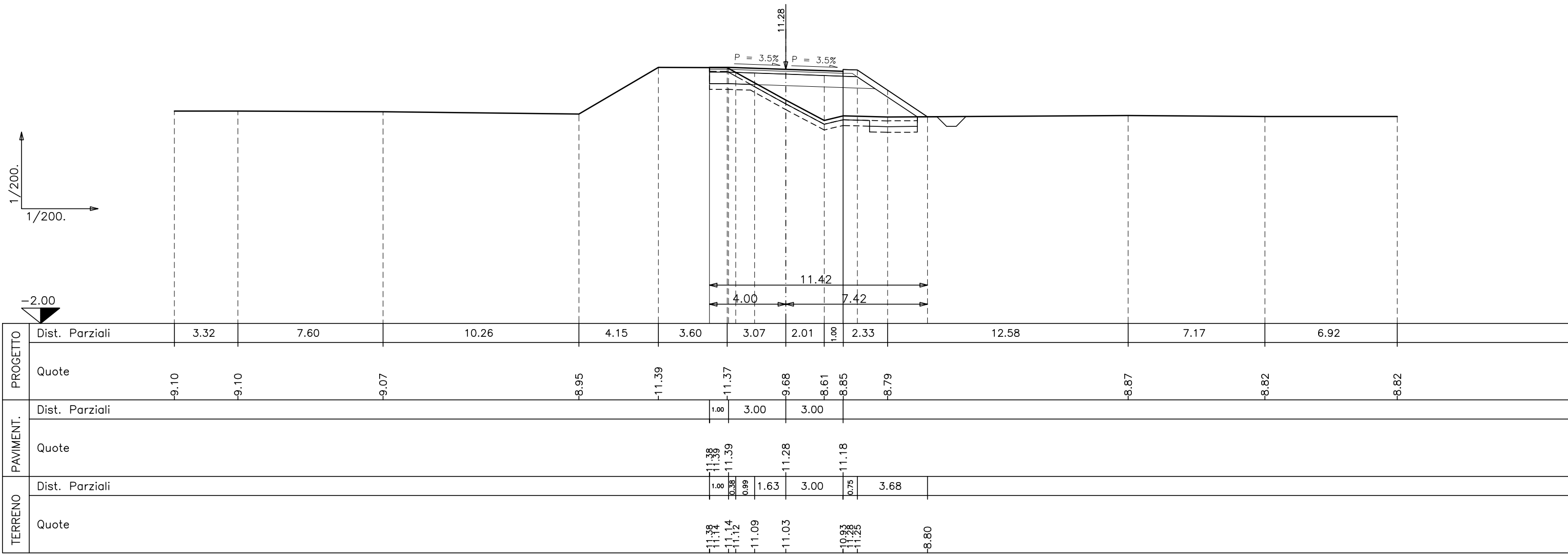
SEZIONE N.V45-28

PROG. 454.58
QP = 11.28

ml 14.32 da sez.n. **V45-27** ← → ml 9.99 a sez.n. **V45-29**

Movimenti di terra	
R1=mq	0.25
R2=mq	13.73
<u>R =mq</u>	<u>13.98</u>
S1=mq	0.28
<u>S =mq</u>	<u>0.28</u>
Binder	
=ml	7.00
Misto granul. stab.	
R =mq	1.05
S =mq	0.00
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	10.88
Vegetale dx	
R =mq	0.00
S =mq	1.50
Inerbimento dx	
=ml	5.16
Stab. a calce	

R =mq	0.00
S =mq	1.73
Stab. in sito	
R =mq	0.00
S =mq	3.25



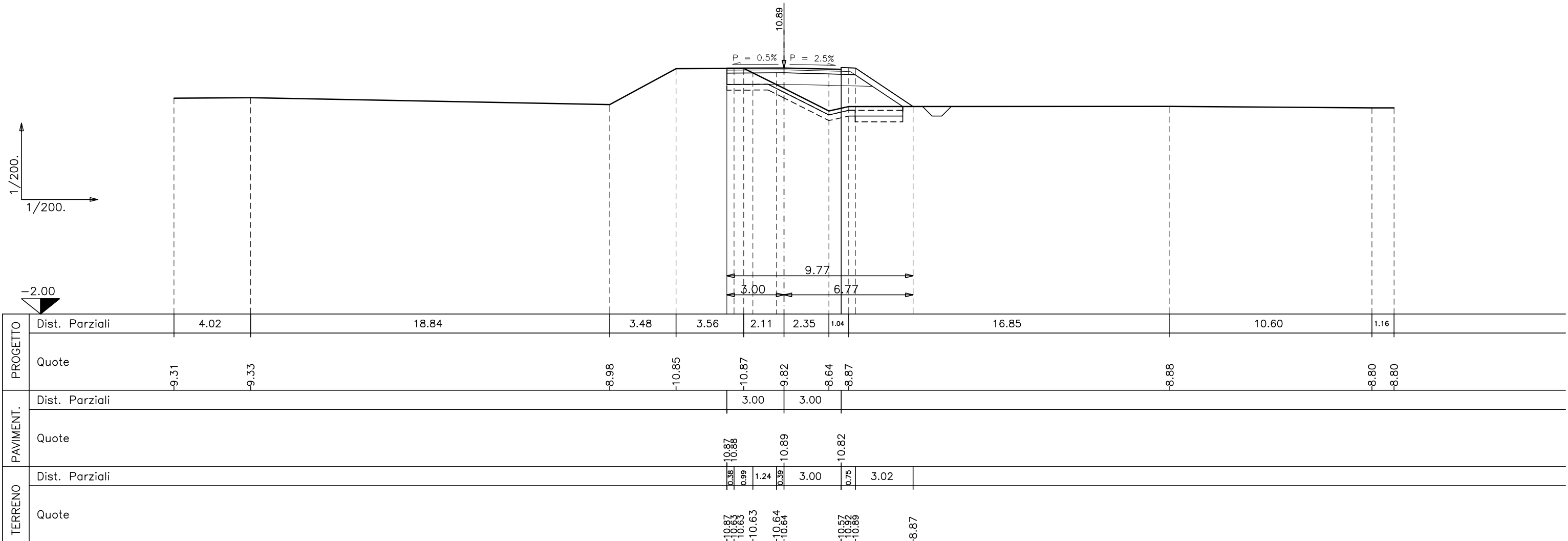
SEZIONE N.V45-29

PROG. 464.57
QP = 10.89

ml 9.99 da sez.n. **V45-28** ← → ml 19.20 a sez.n. **V45-30**

Movimenti di terra	
R1=mq	0.38
R2=mq	9.32
<u>R =mq</u>	<u>9.70</u>
S1=mq	0.09
S2=mq	0.18
<u>S =mq</u>	<u>0.27</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	9.23
Vegetale dx	
R =mq	0.00
S =mq	1.26
Inerbimento dx	
=ml	4.38
Stab. a calce	

R =mq	0.00
S =mq	0.74
Stab. in sito	
R =mq	0.00
S =mq	2.75



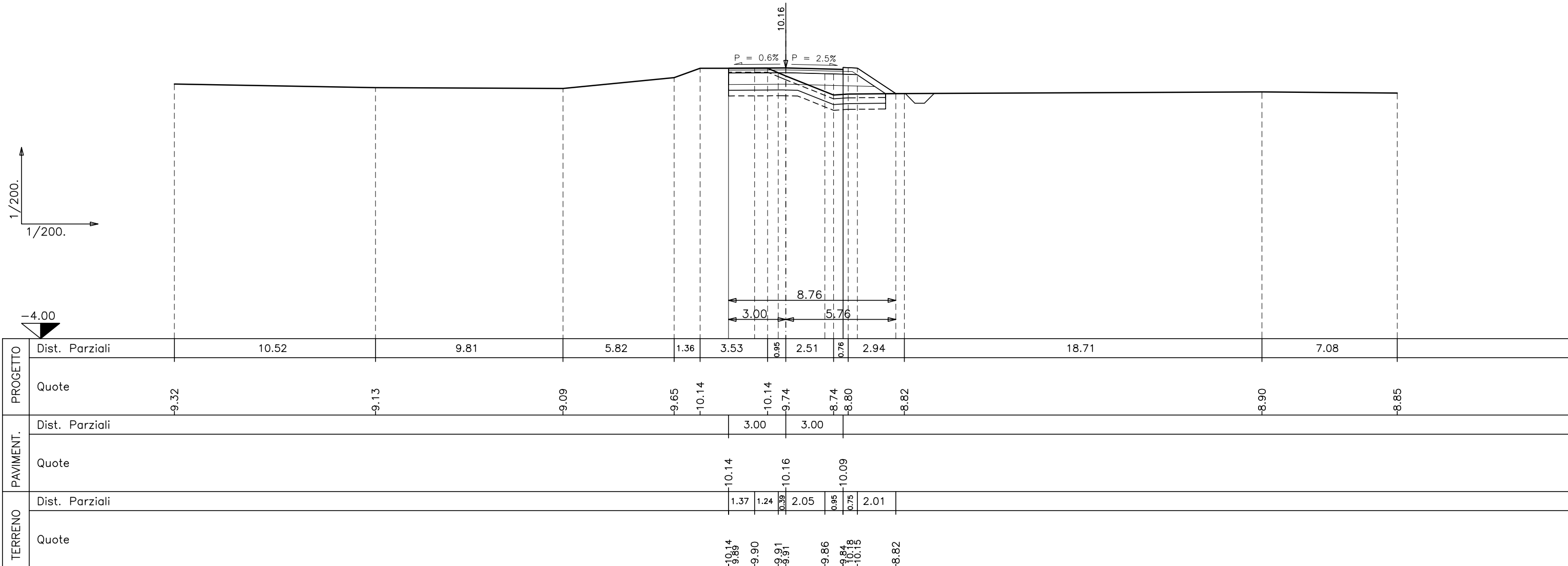
SEZIONE N.V45-30

PROG. 483.77
QP = 10.16

ml 19.20 da sez.n. **V45-29** ← → ml 21.45 a sez.n. **V45-31**

Movimenti di terra	
R1=mq	1.16
R2=mq	3.39
<u>R =mq</u>	<u>4.55</u>
S1=mq	0.34
S2=mq	0.22
<u>S =mq</u>	<u>0.56</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso dx	
R =mq	0.00
S =mq	0.50
Scotico	
=ml	8.22
Vegetale dx	
R =mq	0.00
S =mq	0.90
Inerbimento dx	
=ml	3.16

Stab. a calce	
R =mq	0.00
S =mq	4.28
Stab. in sito	
R =mq	0.00
S =mq	2.47



SEZIONE N.V45-31

PROG. 505.21
QP = 9.49

ml 21.45 da sez.n. **V45-30** ←

Movimenti di terra	
R1=mq	0.91
<u>R =mq</u>	<u>0.91</u>
S1=mq	0.65
S2=mq	0.54
<u>S =mq</u>	<u>1.19</u>
Binder	
=ml	6.00
Misto granul. stab.	
R =mq	0.90
S =mq	0.00
Fosso dx	
R =mq	0.00
S =mq	0.49
Scotico	
=ml	7.12
Vegetale dx	
R =mq	0.00
S =mq	0.50
Inerbimento dx	
=ml	1.85
Stab. a calce	

R =mq	0.00
S =mq	5.70
Stab. in sito	
R =mq	0.00
S =mq	2.13

