ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΝΟΜΟΣ ΗΜΑΘΙΑΣ
ΔΗΜΟΣ ΒΕΡΟΙΑΣ
ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ

ΑΓΡΟΤΙΚΗ ΟΔΟΠΟΙΙΑ ΑΓΡΟΚΤΗΜΑΤΩΝ ΑΓΙΑΣ ΜΑΡΙΝΑΣ - ΚΑΙ ΑΓΙΟΥ ΓΕΩΡΓΙΟΥ ΔΗΜΟΥ ΒΕΡΟΙΑΣ

ΜΕΛΕΤΗ ΟΔΟΠΟΪΑΣ

ΘΕΜΑ : **ΔΙΑΓΡΑΜΜΑ ΕΠΙΚΛΙΣΕΩΝ**		ΚΛΙΜΑΚΑ	1:1.000
		ΑΡ. ΣΧΕΔΙΟΥ	4

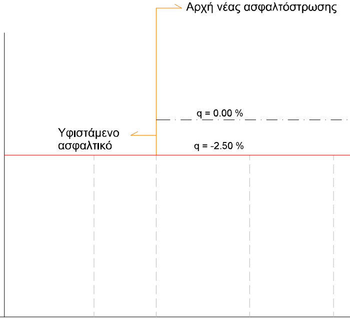
ΣΥΝΤΑΧΘΗΚΕ	ΕΓΚΡΙΘΗΚΕ	ΘΕΩΡΗΘΗΚΕ
ΓΚΑΒΑΝΑΣ ΕΥΘΥΜΙΟΣ Πολιτικός Μηχανικός	STEFANOS VOUTSILAS Digitally signed by STEFANOS VOUTSILAS Date: 2020.11.23 13:44:33 +02'00'	-Ο- Διευθυντής Τ.Υ. ΒΟΥΤΣΙΛΑΣ ΣΤΕΦΑΝΟΣ Ηλεκτρολόγος Μηχανικός

ΒΕΡΟΙΑ
ΣΕΠΤΕΜΒΡΙΟΣ 2020

ΠΑΡΑΤΗΡΗΣΗ

ΤΑ ΥΨΟΜΕΤΡΑ ΑΡΙΣΤΕΡΗΣ ΚΑΙ ΔΕΞΙΑΣ ΟΡΙΟΓΡΑΜΜΗΣ

ΥΠΟΜΝΗΜΑ
- : Οριογραμμή δεξιά
— — : Οριογραμμή αριστερά
— · — : Άξονας


Αρχή νέας ασφαλτόστρωσης
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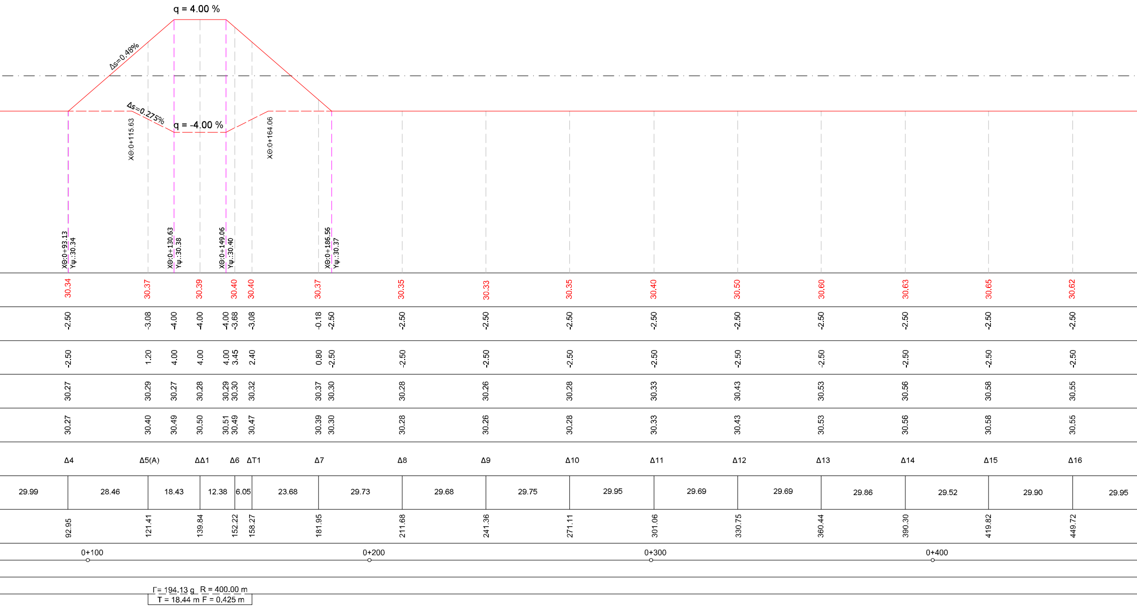
Υφιστάμενο ασφαλτικό
q = -2.50 %

Κλίμακα μηκών 1:1000
Κλίμακα Υψών 1 cm = 2 %

	A	Δ0	Δ1	Δ2	Δ3
Υψόμετρα Ερυθράς	30.38	30.32	30.44	30.40	30.37
Επίκλιση οδοστρώματος αριστερά			-2.50	-2.50	-2.50
Επίκλιση οδοστρώματος δεξιά			-2.50	-2.50	-2.50
Υψόμετρα οριογραμμής αριστερά			30.37	30.33	30.30
Υψόμετρα οριογραμμής δεξιά			30.37	30.33	30.30
Διατομές	A	Δ0	Δ1	Δ2	Δ3
Αποστάσεις μεταξύ		31.86	22.14	33.12	29.84
Απόσταση από αρχή			0.00	33.12	62.96
Χιλιομέτρηση			0+000		
Ευθυγραμμίες					

ΑΝΑΦΕΡΟΝΤΑΙ ΣΕ ΠΛΑΤΟΣ ΛΩΡΙΔΑΣ 2.75 μ.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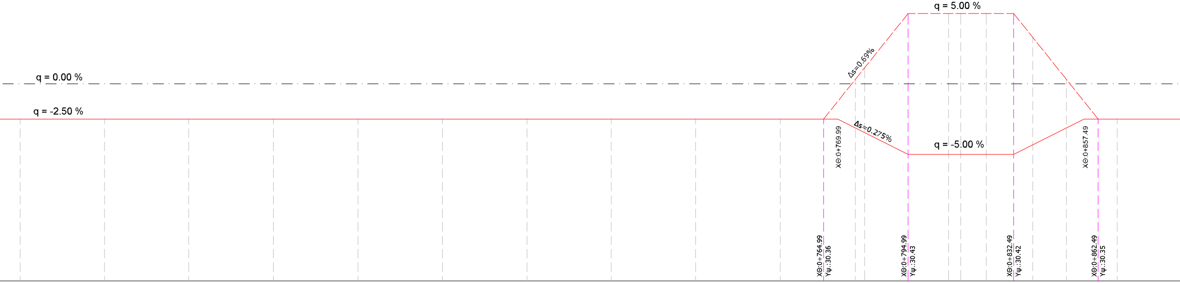
Δs=0.275%
q = -4.00 %
ΧΘ:0+115.63
ΧΘ:0+164.06
ΧΘ:0+93.13 Υψ.:30.34
ΧΘ:0+130.63 Υψ.:30.38
ΧΘ:0+149.06 Υψ.:30.40
ΧΘ:0+186.56 Υψ.:30.37
30.34 30.37 30.39 30.40 30.40 30.37 30.35 30.33 30.35 30.40 30.50 30.60 30.63 30.65 30.62
-2.50 -3.08 -4.00 -4.00 -4.00 -3.68 -3.08 -0.18 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50
-2.50 1.20 4.00 4.00 4.00 3.45 2.40 0.80 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50 -2.50
30.27 30.29 30.27 30.28 30.29 30.30 30.32 30.37 30.30 30.28 30.26 30.28 30.33 30.43 30.53 30.56 30.58 30.55
30.27 30.40 30.49 30.50 30.51 30.49 30.47 30.39 30.30 30.28 30.26 30.28 30.33 30.43 30.53 30.56 30.58 30.55
Δ4 Δ5(A) ΔΔ1 Δ6 ΔΤ1 Δ7 Δ8 Δ9 Δ10 Δ11 Δ12 Δ13 Δ14 Δ15 Δ16
29.99 28.46 18.43 12.38 6.05 23.68 29.73 29.68 29.75 29.95 29.69 29.69 29.86 29.52 29.90 29.95
92.95 121.41 139.84 152.22 158.27 181.95 211.68 241.36 271.11 301.06 330.75 360.44 390.30 419.82 449.72
0+100 0+200 0+300 0+400
Γ= 194.13 g R = 400.00 m
T = 18.44 m F = 0.425 m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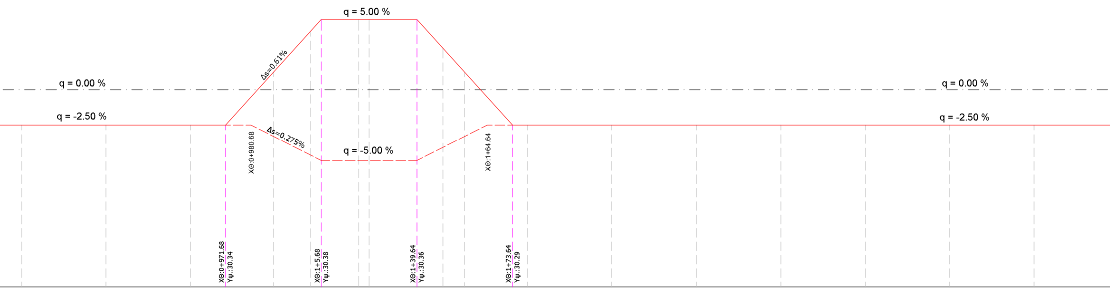
q = 0.00 %
q = -2.50 %
Δs=0.275%
q = -5.00 %
XΘ:0+769.99
XΘ:0+857.49
XΘ:0+764.99
Yψ.:30.36
XΘ:0+794.99
Yψ.:30.43
XΘ:0+832.49
Yψ.:30.42
XΘ:0+862.49
Yψ.:30.35

30.58	30.55	30.64	30.68	30.50	30.33	30.28	30.25	30.22	30.39		30.40	30.41		30.45	30.45	30.44		30.42	30.38		30.33
-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	0.31	1.16	5.00	5.00	5.00	5.00	5.00	3.30	0.31	-2.50	-2.50
-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-3.13	-3.46	-5.00	-5.00	-5.00	-5.00	-5.00	-4.32	-3.12	-2.50	-2.50
30.51	30.48	30.57	30.61	18.51	30.26	30.21	30.18	30.15	30.32	30.29	30.41	30.44	30.29	30.59	30.59	30.58	30.56	30.51	30.39	30.28	30.26
30.51	30.48	30.57	30.61	18.51	30.26	30.21	30.18	30.15	30.32	30.29	30.31	30.31	30.29	30.31	30.31	30.30	30.28	30.30	30.29	30.28	30.26
Δ17	Δ18	Δ19	Δ20	Δ21	Δ22	Δ23	Δ24	Δ25	Δ26		ΔA2	Δ27		Δ28	ΔΔ2	Δ28'		Δ29	ΔT2		Δ30
29.98	29.92	30.06	30.02	29.96	30.06	29.92	29.98	30.02	26.65		3.38	29.80		4.32	9.05	16.51		11.95	18.02		30.04
479.67	509.65	539.57	569.63	599.65	629.61	659.67	689.59	719.57	749.59		776.24	779.62		809.42	813.74	822.79		839.30	851.25		869.27

0+500 0+600 0+700 0+800

Γ= 176.12 g R = 200.00 m T = 37.95 m F = 3.57 m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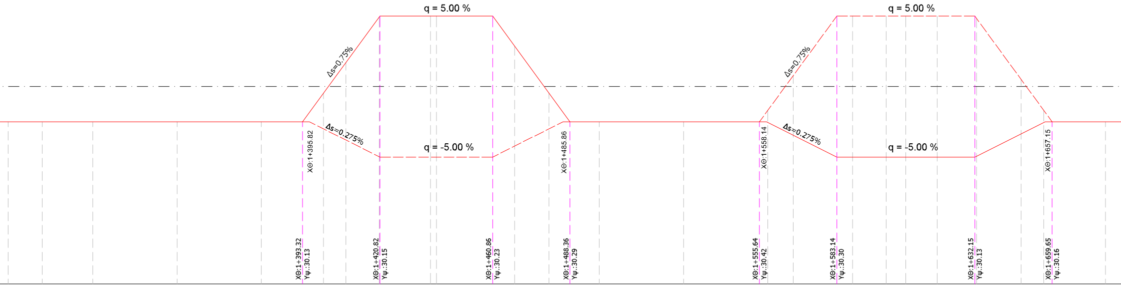
Δs=0.61%
q = 0.00 %
q = 0.00 %
q = -2.50 %
q = -2.50 %
Δs=0.275%
q = -5.00 %
XΘ:0+980.68
XΘ:1+64.64
XΘ:0+971.68 Yψ.:30.34
XΘ:1+5.68 Yψ.:30.38
XΘ:1+39.64 Yψ.:30.36
XΘ:1+73.64 Yψ.:30.29

30.25	-2.50	-2.50	30.18	30.18	Δ31	29.92	899.31
30.29	-2.50	-2.50	30.22	30.22	Δ32	29.94	829.23
30.33	-2.50	-2.50	30.26	30.26	Δ33	29.53	959.17
	-2.50	-2.50	30.27	30.27			
30.36	-3.30	1.25	30.27	30.39	Δ34(A)	13.07	988.70
30.38	-4.61	4.14	30.25	30.49	Δ34'	17.25	1001.77
	-5.00	5.00	30.24	30.52			
30.40	-5.00	5.00	30.26	30.54	Δ35	3.64	1019.02
30.39	-5.00	5.00	30.25	30.53	ΔΔ3	26.24	1022.66
	-5.00	5.00	30.22	30.50			
30.34	-4.07	2.96	30.23	30.42	Δ36	7.71	1048.90
30.33	-3.30	1.26	30.24	30.36	ΔT3	22.29	1056.61
	-2.50	-2.50	30.22	30.22			
30.28	-2.50	-2.50	30.21	30.21	Δ37	29.90	1078.90
30.22	-2.50	-2.50	30.15	30.15	Δ38	30.07	1108.80
30.16	-2.50	-2.50	30.09	30.09	Δ39	30.08	1138.87
30.10	-2.50	-2.50	30.03	30.03	Δ40	29.95	1168.95
30.14	-2.50	-2.50	30.07	30.07	Δ41	29.94	1198.90
30.19	-2.50	-2.50	30.12	30.12	Δ42	30.06	1228.84
30.23	-2.50	-2.50	30.16	30.16	Δ43	29.91	1258.90

0+900 1+000 1+100 1+200

Γ= 184.56 g R = 280.00 m T = 34.12 m F = 2.07 m

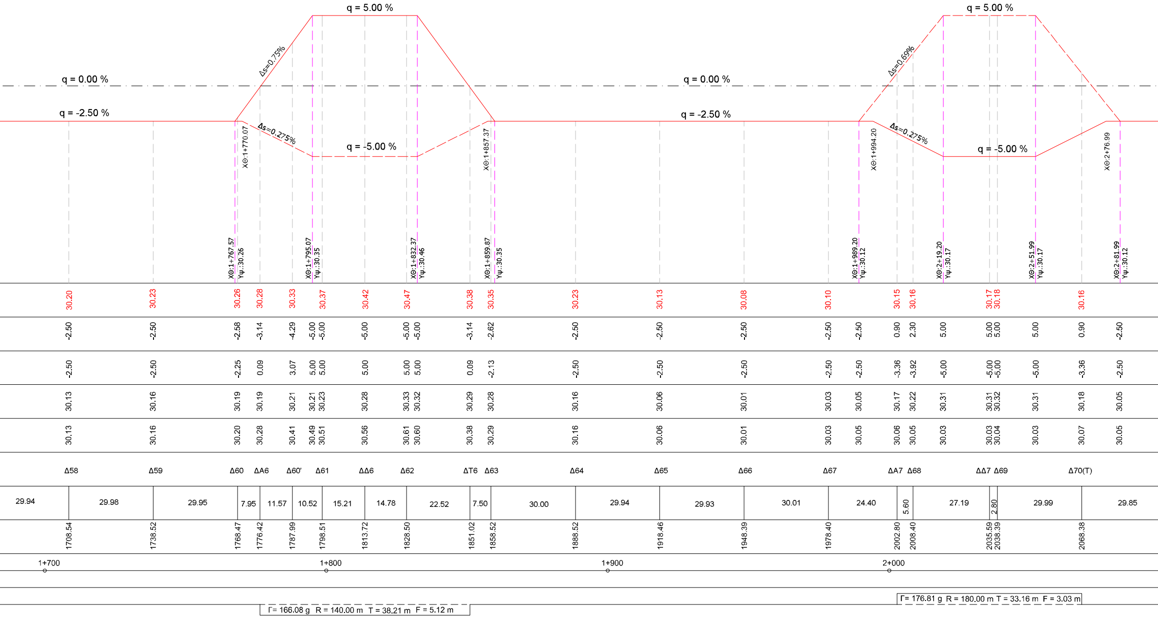

q = 5.00 %
Δs=0.75%
Δs=0.275%
q = -5.00 %
XΘ:1+395.82
XΘ:1+485.86
XΘ:1+558.14
XΘ:1+657.15
XΘ:1+393.32 Υψ.:30.13
XΘ:1+420.82 Υψ.:30.15
XΘ:1+460.86 Υψ.:30.23
XΘ:1+488.36 Υψ.:30.29
XΘ:1+555.64 Υψ.:30.42
XΘ:1+583.14 Υψ.:30.30
XΘ:1+632.15 Υψ.:30.13
XΘ:1+659.65 Υψ.:30.16
q = 5.00 %
q = -5.00 %

30.28	-2.50	-2.50	30.21	30.21	Δ44	12.03	1288.81
30.29	-2.50	-2.50	30.22	30.22	Δ44'	17.95	1300.84
30.32	-2.50	-2.50	30.25	30.25	Δ45	29.99	1318.79
30.24	-2.50	-2.50	30.17	30.17	Δ46	29.94	1348.78
30.17	-2.50	-2.50	30.10	30.10	Δ47	22.08	1378.72
	-2.50	-2.50	30.06	30.06			
30.11	-3.00	-0.46	30.03	30.10	ΔA4	7.98	1400.80
30.13	-3.80	1.72	30.03	30.18	Δ48	11.83	1408.78
30.15	-4.89	4.94	30.02	30.29	Δ48'	18.15	1420.61
30.19	-5.00	5.00	30.05	30.33	Δ49	2.12	1438.76
30.19	-5.00	5.00	30.05	30.33	ΔΔ4	27.80	1440.88
	-5.00	5.00	30.09	30.37			
30.25	-4.22	2.87	30.13	30.33	Δ50	12.20	1468.68
30.28	-3.00	-0.46	30.20	30.27	ΔT4	17.82	1480.88
	-2.50	-2.50	30.22	30.22			
30.31	-2.50	-2.50	30.24	30.24	Δ51	29.99	1498.70
30.37	-2.50	-2.50	30.30	30.30	Δ52	29.95	1528.69
	-2.50	-2.50	30.35	30.35			
30.43	-1.68	-2.55	30.38	30.36	Δ53(A)	8.98	1558.64
30.38	0.77	-3.45	30.40	30.29	Δ53'	21.15	1567.62
	5.00	-5.00	30.44	30.16			
30.27	5.00	-5.00	30.41	30.13	Δ54	11.87	1588.77
30.21	5.00	-5.00	30.35	30.07	Δ54'	7.01	1600.64
30.20	5.00	-5.00	30.34	30.06	ΔΔ5	11.16	1607.65
30.17	5.00	-5.00	30.31	30.03	Δ55	13.95	1618.81
30.13	4.83	-4.94	30.26	29.99	Δ55'	15.88	1632.76
30.15	0.50	-3.35	30.16	30.06	Δ56	8.01	1648.64
30.16	-1.68	-2.55	30.11	30.09	ΔT5	21.95	1656.65
	-2.50	-2.50	30.09	30.09			
30.18	-2.50	-2.50	30.11	30.11	Δ57		1678.60

1+300 1+400 1+500 1+600

Γ= 149.07 g R = 100.00 m T = 42.28 m F = 8.57 m

Γ= 143.28 g R = 110.00 m T = 52.53 m F = 11.90 m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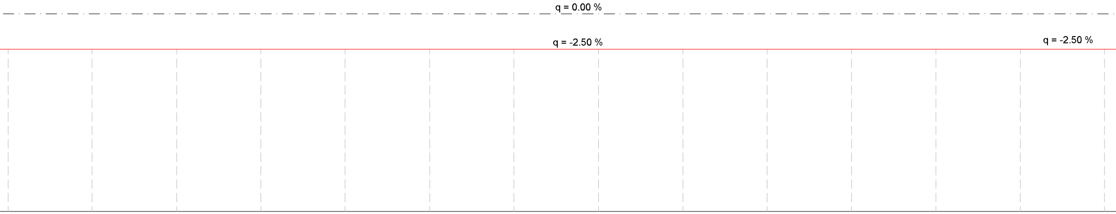
Δs=0.275%
Δs=0.275%
q = -5.00 %
q = -5.00 %
XΘ:1+770.07
XΘ:1+857.37
XΘ:1+994.20
XΘ:2+76.99
XΘ:1+767.57 Yψ.:30.26
XΘ:1+795.07 Yψ.:30.35
XΘ:1+832.37 Yψ.:30.46
XΘ:1+859.87 Yψ.:30.35
XΘ:1+989.20 Yψ.:30.12
XΘ:2+19.20 Yψ.:30.17
XΘ:2+51.99 Yψ.:30.17
XΘ:2+81.99 Yψ.:30.12
30.20 30.23 30.26 30.28 30.33 30.37 30.42 30.47 30.38 30.35 30.23 30.13 30.08 30.10 30.15 30.16 30.17 30.18 30.16
-2.50 -2.50 -2.58 -3.14 -4.29 -5.00 -5.00 -5.00 -5.00 -5.00 -3.14 -2.62 -2.50 -2.50 -2.50 -2.50 -2.50 0.90 2.30 5.00 5.00 5.00 5.00 0.90 -2.50
-2.50 -2.50 -2.25 0.09 3.07 5.00 5.00 5.00 5.00 5.00 0.09 -2.13 -2.50 -2.50 -2.50 -2.50 -2.50 -3.36 -3.92 -5.00 -5.00 -5.00 -5.00 -3.36 -2.50
30.13 30.16 30.19 30.19 30.21 30.21 30.23 30.28 30.33 30.32 30.29 30.28 30.16 30.06 30.01 30.03 30.05 30.17 30.22 30.31 30.31 30.32 30.31 30.18 30.05
30.13 30.16 30.20 30.28 30.41 30.49 30.51 30.56 30.61 30.60 30.38 30.29 30.16 30.06 30.01 30.03 30.05 30.06 30.05 30.03 30.03 30.04 30.03 30.07 30.05
Δ58 Δ59 Δ60 ΔA6 Δ60' Δ61 ΔΔ6 Δ62 ΔT6 Δ63 Δ64 Δ65 Δ66 Δ67 ΔA7 Δ68 ΔΔ7 Δ69 Δ70(T)
29.94 29.98 29.95 7.95 11.57 10.52 15.21 14.78 22.52 7.50 30.00 29.94 29.93 30.01 24.40 5.60 27.19 2.80 29.99 29.85
1708.54 1738.52 1768.47 1776.42 1787.99 1798.51 1813.72 1828.50 1851.02 1858.52 1888.52 1918.46 1948.39 1978.40 2002.80 2008.40 2035.59 2038.39 2068.38
1+700
1+800
1+900
2+000
Γ= 166.08 g R = 140.00 m T = 38.21 m F = 5.12 m
Γ= 176.81 g R = 180.00 m T = 33.16 m F = 3.03 m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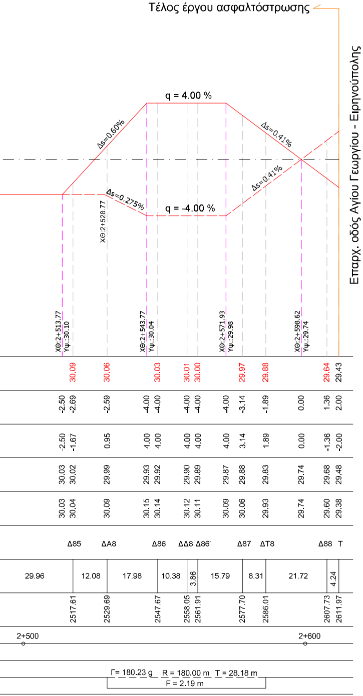
-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50	-2.50
30.01	29.94	29.99	30.04	30.09	30.14	30.07	30.00	29.92	29.85	29.95	30.05	30.10	30.08
30.01	29.94	29.99	30.04	30.09	30.14	30.07	30.00	29.92	29.85	29.95	30.05	30.10	30.08
Δ71	Δ72	Δ73	Δ74	Δ75	Δ76	Δ77	Δ78	Δ79	Δ80	Δ81	Δ82	Δ83	Δ84
29.93	30.03	29.90	29.88	30.04	29.94	30.02	29.95	29.93	29.96	29.96	29.95	29.93	
2098.23	2128.16	2158.19	2188.09	2217.97	2248.01	2277.95	2307.97	2337.92	2367.85	2397.81	2427.77	2457.72	2487.65

2+100 2+200 2+300 2+400


Τέλος έργου ασφαλτόστρωσης
Επαρχ. οδός Αγίου Γεωργίου - Ειρηνούπολης
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Δs=0.41%
Δs=0.275%
q = -4.00 %
Δs=0.41%
ΧΘ:2+528.77
ΧΘ:2+513.77
Υψ.:30.10
ΧΘ:2+543.77
Υψ.:30.04
ΧΘ:2+571.93
Υψ.:29.98
ΧΘ:2+598.62
Υψ.:29.74
30.09
30.06
30.03
30.01
30.00
29.97
29.88
29.64
29.43
-2.50
-2.69
-2.59
-4.00
-4.00
-4.00
-4.00
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-3.14
-1.89
0.00
1.36
2.00
-2.50
-1.67
0.95
4.00
4.00
4.00
4.00
4.00
3.14
1.89
0.00
-1.36
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30.03
30.02
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Δ85
ΔΑ8
Δ86
ΔΔ8
Δ86'
Δ87
ΔΤ8
Δ88
Τ
29.96
12.08
17.98
10.38
3.86
15.79
8.31
21.72
4.24
2517.61
2529.69
2547.67
2558.05
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2586.01
2607.73
2611.97
2+500
2+600
Γ= 180.23 g
R = 180.00 m
T = 28.18 m
F = 2.19 m