

**Φάση Α΄: Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α΄, Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

ΠΑΡΑΡΤΗΜΑ Γ: ΑΠΟΤΕΛΕΣΜΑΤΑ ΑΝΑΛΥΣΗΣ HCS

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

Γ1. ΥΠΟΛΟΓΙΣΜΟΙ ΛΟΓΙΣΜΙΚΟΥ HCS – ΠΡΩΙΝΗ ΑΙΧΜΗ - 2016

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3101_ETHN.AMYNHS_ARGYROKASTROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARGYROKASTROU N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	0	1	1	0
LGConfig				LTR			LTR			L TR		
Volume				28	66	366	4	94	4	52	402	136
Lane Width				3.6			3.6			3.6	3.6	
RTOR Vol				0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru			
Right					Right			
Peds					Peds			
WB Left		P			SB Left	P		
Thru		P			Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	18.0				14.0	13.0		
Yellow	3.0				3.0	3.0		
All Red	2.0				2.0	2.0		

Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 934 3113 0.55 0.30 19.9 B 19.9 B

Northbound

LTR 395 1824 0.28 0.22 21.4 C 21.4 C

Southbound

L 421 1805 0.14 0.23 18.9 B
TR 965 1810 0.62 0.53 12.7 B 13.3 B

Intersection Delay = 16.6 (sec/veh) Intersection LOS = B

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3103_ETHN.AMYNHS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	2	0	0	2	0	0	2	0	0	2	0
LGConfig	TR			TR			LTR			LTR		
Volume	272	104		627	28		327	74	88	154	524	186
Lane Width	3.6			3.6			3.6			3.6		
RTOR Vol	0			0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	17.0				23.0	17.0		
Yellow	3.0				3.0	3.0		
All Red	1.0				2.0	1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
TR	825	3399	0.51	0.24	25.1	C	25.1	C
Westbound								
TR	856	3524	0.85	0.24	35.7	D	35.7	D
Northbound								
LTR	803	3307	0.68	0.24	28.5	C	28.5	C
Southbound								
LTR	1107	3369	0.87	0.33	31.3	C	31.3	C

Intersection Delay = 30.9 (sec/veh) Intersection LOS = C

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3104_25HS MARTIOU ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	1	0	1	0
LGConfig				LTR			LT R			LTR		
Volume				158	708	274	24	50	102	274	164	52
Lane Width				3.6			3.6 3.6			3.6		
RTOR Vol						0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru		P			Thru		P	
Right		P			Right		P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		21.0				15.0	21.0	
Yellow		3.0				3.0	3.0	
All Red		1.0				2.0	1.0	
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 999 3330 1.27 0.30 153.2 F 153.2 F

Northbound

LT 397 1851 0.21 0.21 23.8 C 25.0 C
R 343 1599 0.33 0.21 25.8 C

Southbound

LTR 541 1804 1.01 0.30 64.6 E 64.6 E

Intersection Delay = 116.7 (sec/veh) Intersection LOS = F

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3106_IONIAS_KYPROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: KYPROU N/S St: IONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	0	0	0	1	0
LGConfig	TR			TR						LT		
Volume	151	188		349	20					22	284	
Lane Width	3.6			3.6						3.6		
RTOR Vol	0			0								

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru	P				Thru			
Right	P				Right			
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	30.0				22.0			
Yellow	3.0				3.0			
All Red	0.0				2.0			
Cycle Length: 60.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

TR 799 1598 0.47 0.50 11.8 B 11.8 B

Westbound

TR 858 1715 0.48 0.50 11.8 B 11.8 B

Northbound

Southbound

LT 631 1721 0.54 0.37 18.3 B 18.3 B

Intersection Delay = 13.7 (sec/veh) Intersection LOS = B

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3107_PINDOU_ALEVIZATOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ALEVIZATOU N/S St: PINDOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	1	0	0	1	0
LGConfig					LR			TR			LT	
Volume				186		10	246	70		18	574	
Lane Width					3.6		3.6				3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		11.0				51.0		
Yellow		3.0				3.0		
All Red		1.0				1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 267 1700 0.82 0.16 51.9 D 51.9 D

Northbound

TR 1303 1789 0.27 0.73 3.7 A 3.7 A

Southbound

LT 1326 1820 0.50 0.73 5.4 A 5.4 A

Intersection Delay = 13.2 (sec/veh) Intersection LOS = B

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3110_NAVARINOU_DOIRANIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: DOIRANIS N/S St: NAVARINOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	114		2					398			786	
Lane Width	3.6		3.6					3.6			3.6	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		8.0				52.0		
Yellow		3.0				3.0		
All Red		1.0				3.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	193	1687	0.66	0.11	45.9	D	45.6	D
R	172	1509	0.01	0.11	27.6	C		
Westbound								
Northbound								
T	1371	1845	0.32	0.74	3.7	A	3.7	A
Southbound								
T	1371	1845	0.64	0.74	6.7	A	6.7	A

Intersection Delay = 9.2 (sec/veh) Intersection LOS = A

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Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3126_25HS MARTIOU_SARANTAPOROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: SARANTAPOROU N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	0	0	0	1	0	0	1	0
LGConfig	LTR						TR			LT		
Volume	22	40	52				342	12		72	378	
Lane Width	3.6						3.6			3.6		
RTOR Vol	0						0					

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left			
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	7.0				45.0			
Yellow	3.0				3.0			
All Red	9.0				3.0			
								Cycle Length: 70.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

LTR 169 1691 0.75 0.10 56.2 E 56.2 E

Westbound

Northbound

TR 1180 1836 0.33 0.64 6.4 A 6.4 A

Southbound

LT 1045 1626 0.48 0.64 8.0 A 8.0 A

Intersection Delay = 13.4 (sec/veh) Intersection LOS = B

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3128_MAKEDONIAS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: MAKEDONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	0	0	1	0	0	0	0
LGConfig	L	T			TR			LTR				
Volume	166	58			523	12	161	240	62			
Lane Width	3.5	3.5			3.5			4.8				
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left			P	P	NB Left	P		
Thru		P	P		Thru	P		
Right					Right	P		
Peds					Peds			
WB Left					SB Left			
Thru		P			Thru			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		36.0	6.0	2.0		23.0		
Yellow		3.0	3.0	3.0		3.0		
All Red		0.0	0.0	0.0		1.0		
Cycle Length: 80.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	232	1684	0.79	0.14	57.1	E		
T	997	1773	0.06	0.56	8.1	A	44.4	D
Westbound								
TR	1514	3364	0.39	0.45	15.5	B	15.5	B
Northbound								
LTR	569	1979	0.91	0.29	47.9	D	47.9	D
Southbound								

Intersection Delay = 33.1 (sec/veh) Intersection LOS = C

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3808_MESOGIION_KYPROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID:
E/W St: KYPROU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	0	2	0	1	3	0	1	2	1
LGConfig	L	T	R	DefL	TR		L	TR		L	T	R
Volume	18	8	8	294	26	103	200	2488	232	171	3385	130
Lane Width	3.6	3.6	3.6	3.6	3.6		3.6	3.6		3.6	3.6	3.6
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	P		
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
WB Left	P				SB Left			P
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
NB Right					EB Right	P		
SB Right					WB Right			
Green	18.0				13.0	56.0	15.0	
Yellow	3.0				3.0	3.0	3.0	
All Red	2.0				2.0	1.0	1.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	189	1260	0.11	0.15	45.2	D		
T	284	1892	0.03	0.15	43.8	D	41.2	D
R	483	1609	0.02	0.30	29.6	C		
Westbound								
DefL	214	1428	1.53	0.15	310.9	F		
TR	251	1673	0.57	0.15	56.5	E	233.5	F
Northbound								
L	196	1805	1.13	0.11	158.0	F		
TR	3040	4929	0.99	0.62	37.8	D	46.0	D
Southbound								
L	219	1752	0.87	0.13	85.7	F		
T	2195	3512	1.71	0.63	345.5	F	321.6	F
R	1009	1615	0.14	0.63	9.6	A		

Intersection Delay = 201.1 (sec/veh) Intersection LOS = F

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Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3809_MESOGIION_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	0	0	2	0	0	2	0
LGConfig				L	LR			T			T	
Volume				444		168		2620			3242	
Lane Width				3.6	3.6			3.6			3.6	
RTOR Vol						0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		24.0				85.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L	350	1752	1.41	0.20	248.1	F		
LR	314	1568	0.60	0.20	51.7	D	194.1	F

Northbound

T	2464	3478	1.18	0.71	103.6	F	103.6	F
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Southbound

T	2488	3512	1.45	0.71	221.3	F	221.3	F
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Intersection Delay = 171.1 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3811_MESOGIION_THEOLOGOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: THEOLOGOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	1	0	0	2	0	0	2	1
LGConfig				LTR			T			T R		
Volume				96	183	64	2650			3330 160		
Lane Width				3.6			3.6			3.6 3.6		
RTOR Vol				0						0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru		P			Thru P			
Right		P			Right P			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		16.0				93.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 239 1791 1.59 0.13 338.2 F 338.2 F

Northbound

T 2670 3445 1.10 0.77 66.0 E 66.0 E

Southbound

T 2722 3512 1.36 0.77 177.6 F 169.7 F
R 1215 1568 0.15 0.77 3.7 A

Intersection Delay = 136.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3812_MESOGEION_YMHΤΤΟΥ_XANTHOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: YMHTTOU_XANTOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	2	0	0	2	0
LGConfig	L		R		LR			T			T	
Volume	138		46	129		132		2556			3314	
Lane Width	3.6		3.6		3.6			3.6			3.6	
RTOR Vol			0			0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left			
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		13.0				77.0	14.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	194	1787	0.79	0.11	79.1	E	72.7	E
R	173	1599	0.29	0.11	53.6	D		
Westbound								
LR	185	1710	1.57	0.11	333.4	F	333.4	F
Northbound								
T	2778	3547	1.02	0.78	36.0	D	36.0	D
Southbound								
T	2232	3478	1.65	0.64	315.9	F	315.9	F

Intersection Delay = 196.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3814_MESOGIION_PERIKLEOUS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: PERIKLEOUS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	1	0	2	1	1	2	0
LGConfig				L		R		T	R	L	T	
Volume				268		210	2530	144		104	3046	
Lane Width				3.6		3.6	3.6	3.6		3.6	3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				11.0	76.0	
Yellow		3.0				3.0	3.0	
All Red		2.0				1.0	3.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L 251 1671 1.19 0.15 168.0 F 147.8 F

R 224 1495 1.04 0.15 122.0 F

Northbound

T 2162 3413 1.30 0.63 160.6 F 152.5 F

R 965 1524 0.17 0.63 9.4 A

Southbound

L 162 1770 0.72 0.09 76.6 E

T 2690 3547 1.26 0.76 133.8 F 131.9 F

Intersection Delay = 141.8 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3816_MESOGEION_FANEROMENIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: FANEROMENIS N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	2	1	1	2	0
LGConfig					LR			T	R	L	T	
Volume				234		102	2544	114		302	3050	
Lane Width					3.6		3.6	3.6		3.6	3.6	
RTOR Vol						0			0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				69.0	17.0	
Yellow		3.0				3.0	3.0	
All Red		4.0				1.0	2.0	
				Cycle Length: 120.0 secs				

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 257 1710 1.45 0.15 274.6 F 274.6 F

Northbound

T 2019 3512 1.40 0.57 208.7 F 200.2 F
R 902 1568 0.14 0.57 12.1 B

Southbound

L 248 1752 1.35 0.14 235.3 F
T 2634 3512 1.29 0.75 147.0 F 154.9 F

Intersection Delay = 180.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3817_MESOGEION_17HS NOEMVRIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ZOOD. PHGHS_17HS NOEMVRIOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	3	1	0	2	0
LGConfig	L		R		LR			T	R		T	
Volume	348		222	164		28	2538	124		2838		
Lane Width	3.6		3.6		3.6		3.6	3.6		3.6		
RTOR Vol			0			0			0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		16.0				79.0	9.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	
				Cycle Length: 120.0 secs				

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	229	1719	1.69	0.13	380.7	F	302.9	F
R	205	1538	1.20	0.13	181.1	F		
Westbound								
LR	221	1654	0.96	0.13	103.6	F	103.6	F
Northbound								
T	3811	5025	0.74	0.76	9.3	A	9.1	A
R	1189	1568	0.12	0.76	4.0	A		
Southbound								
T	2312	3512	1.36	0.66	187.1	F	187.1	F

Intersection Delay = 119.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3830_MESOGIION_ARKADIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARKADIOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	1	0	2	1	1	2	0
LGConfig						R		T	R	L	T	
Volume						90		2722	118	188	2838	
Lane Width						3.6		3.6	3.6	3.6	3.6	
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left					SB Left		P	
Thru					Thru P			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		P	
Green						88.0	19.0	
Yellow						3.0	3.0	
All Red						5.0	2.0	
						Cycle Length: 120.0		secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

R	260	1644	0.38	0.16	49.5	D	49.5	D
Northbound								
T	2575	3512	1.17	0.73	98.9	F	95.0	F
R	1150	1568	0.11	0.73	4.9	A		
Southbound								
L	277	1752	0.75	0.16	65.5	E		
T	2575	3512	1.22	0.73	120.7	F	117.3	F

Intersection Delay = 105.6 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

Γ2. ΥΠΟΛΟΓΙΣΜΟΙ ΛΟΓΙΣΜΙΚΟΥ HCS – ΜΕΣΗΜΒΡΙΝΗ ΑΙΧΜΗ - 2016

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3101_ETHN.AMYNHS_ARGYROKASTROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARGYROKASTROU N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	0	1	1	0
LGConfig				LTR			LTR			L	TR	
Volume				40	14	378	0	262	2	20	272	36
Lane Width				3.6			3.6			3.6	3.6	
RTOR Vol						0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left	P		
Thru		P			Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				14.0	13.0	
Yellow		3.0				3.0	3.0	
All Red		2.0				2.0	2.0	
Cycle Length: 60.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 920 3067 0.52 0.30 19.5 B 19.5 B

Northbound

LTR 407 1879 0.72 0.22 32.3 C 32.3 C

Southbound

L 421 1805 0.05 0.23 18.1 B
TR 986 1848 0.35 0.53 9.0 A 9.5 A

Intersection Delay = 19.6 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3103_ETHN.AMYNHS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	2	0	0	2	0	0	2	0	0	2	0
LGConfig	TR			TR			LTR			LTR		
Volume	192	98		224	26		228	182	194	132	324	40
Lane Width	3.6			3.6			3.6			3.6		
RTOR Vol	0			0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	17.0				23.0	17.0		
Yellow	3.0				3.0	3.0		
All Red	1.0				2.0	1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
TR	818	3367	0.39	0.24	23.6	C	23.6	C
Westbound								
TR	848	3491	0.33	0.24	22.8	C	22.8	C
Northbound								
LTR	813	3346	0.83	0.24	34.4	C	34.4	C
Southbound								
LTR	1147	3492	0.48	0.33	20.2	C	20.2	C

Intersection Delay = 26.4 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3104_25HS MARTIOU_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	1	0	1	0
LGConfig				LTR			LT R			LTR		
Volume				46	218	228	30	60	122	190	104	58
Lane Width				3.6			3.6 3.6			3.6		
RTOR Vol				0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru		P			Thru		P	
Right		P			Right		P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		21.0				15.0	21.0	
Yellow		3.0				3.0	3.0	
All Red		1.0				2.0	1.0	
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c g/C		Lane Group Delay LOS		Approach Delay LOS	
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Eastbound

Westbound

LTR 986 3285 0.55 0.30 22.8 C 22.8 C

Northbound

LT 385 1797 0.26 0.21 24.5 C 26.2 C

R 333 1553 0.41 0.21 27.4 C

Southbound

LTR 522 1740 0.75 0.30 31.6 C 31.6 C

Intersection Delay = 26.4 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3106_IONIAS_KYPROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: KYPROU N/S St: IONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	0	0	0	1	0
LGConfig	TR			TR						LT		
Volume	346	197		231	18					18	95	
Lane Width	3.6			3.6						3.6		
RTOR Vol			0			0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru	P				Thru			
Right	P				Right			
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	30.0				22.0			
Yellow	3.0				3.0			
All Red	0.0				2.0			
Cycle Length: 60.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

TR 904 1807 0.67 0.50 15.1 B 15.1 B

Westbound

TR 941 1881 0.29 0.50 9.6 A 9.6 A

Northbound

Southbound

LT 691 1885 0.18 0.37 13.5 B 13.5 B

Intersection Delay = 13.4 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3107_PINDOU_ALEVIZATOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ALEVIZATOU N/S St: PINDOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	1	0	0	1	0
LGConfig					LR			TR			LT	
Volume				86		18	618	166		34	560	
Lane Width					3.6		3.6				3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		11.0				51.0		
Yellow		3.0				3.0		
All Red		1.0				1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 280 1782 0.41 0.16 31.1 C 31.1 C

Northbound

TR 1332 1828 0.65 0.73 7.4 A 7.4 A

Southbound

LT 1276 1752 0.52 0.73 5.6 A 5.6 A

Intersection Delay = 8.4 (sec/veh) Intersection LOS = A

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3110_NAVARINOU_DOIRANIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: DOIRANIS N/S St: NAVARINOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L R						T			T		
Volume	140			10			532			428		
Lane Width	3.6			3.6			3.6			3.6		
RTOR Vol	0											

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	8.0				52.0			
Yellow	3.0				3.0			
All Red	1.0				3.0			
								Cycle Length: 70.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	206	1805	0.76	0.11	52.6	D	51.0	D
R	185	1615	0.06	0.11	28.3	C		
Westbound								
Northbound								
T	1411	1900	0.42	0.74	4.3	A	4.3	A
Southbound								
T	1411	1900	0.34	0.74	3.7	A	3.7	A

Intersection Delay = 10.4 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3126_25HS MARTIOU_SARANTAPOROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: SARANTAPOROU N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	0	0	0	1	0	0	1	0
LGConfig	LTR						TR			LT		
Volume	28	52	30				318	16		66	256	
Lane Width	3.6						3.6			3.6		
RTOR Vol	0						0					

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left			
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	7.0				45.0			
Yellow	3.0				3.0			
All Red	9.0				3.0			
								Cycle Length: 70.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
<u>Eastbound</u>								
LTR	176	1755	0.69	0.10	50.6	D	50.6	D
<u>Westbound</u>								
<u>Northbound</u>								
TR	1214	1888	0.31	0.64	6.2	A	6.2	A
<u>Southbound</u>								
LT	1054	1640	0.34	0.64	6.6	A	6.6	A

Intersection Delay = 12.7 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3128_MAKEDONIAS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: MAKEDONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	0	0	1	0	0	0	0
LGConfig	L	T			TR			LTR				
Volume	166	208			200	40	90	370	36			
Lane Width	3.5	3.5			3.5			4.8				
RTOR Vol						0			0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left			P	P	NB Left	P		
Thru		P	P		Thru	P		
Right					Right	P		
Peds					Peds			
WB Left					SB Left			
Thru		P			Thru			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		36.0	6.0	2.0		23.0		
Yellow		3.0	3.0	3.0		3.0		
All Red		0.0	0.0	0.0		1.0		
				Cycle Length: 80.0 secs				

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	241	1750	0.76	0.14	53.5	D		
T	1036	1842	0.22	0.56	9.3	A	28.9	C
Westbound								
TR	1539	3420	0.17	0.45	13.4	B	13.4	B
Northbound								
LTR	607	2113	0.91	0.29	47.2	D	47.2	D
Southbound								

Intersection Delay = 33.7 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP
Agency: NAMA SA
Date: 16/5/2016
Period: PM
Project ID:
E/W St: KYPROU

Inter.: 3808_MESOGIION_KYPROU
Area Type: All other areas
Jurisd:
Year: 2016
N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	0	2	0	1	3	0	1	2	1
LGConfig	L	T	R	DefL	TR		L	TR		L	T	R
Volume	165	80	242	254	16	116	30	3219	374	204	2492	14
Lane Width	3.6	3.6	3.6	3.6	3.6		3.6	3.6		3.6	3.6	3.6
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	P		
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
WB Left	P				SB Left			P
Thru	P				Thru		P	P
Right	P				Right		P	P
Peds					Peds			
NB Right					EB Right	P		
SB Right					WB Right			
Green	15.0				10.0	58.0	16.0	
Yellow	3.0				3.0	3.0	3.0	
All Red	2.0				2.0	1.0	4.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	155	1243	1.18	0.13	181.6	F		
T	234	1874	0.38	0.13	52.9	D	94.7	F
R	398	1593	0.68	0.25	49.5	D		
Westbound								
DefL	159	1275	1.77	0.13	424.9	F		
TR	204	1634	0.72	0.13	70.2	E	303.3	F
Northbound								
L	148	1770	0.22	0.08	54.8	D		
TR	3039	4995	1.31	0.61	167.2	F	166.3	F
Southbound								
L	236	1770	0.96	0.13	101.2	F		
T	2306	3547	1.20	0.65	115.8	F	114.1	F
R	1029	1583	0.02	0.65	7.5	A		

Intersection Delay = 149.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3809_MESOGEION_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	0	0	2	0	0	2	0
LGConfig				L	LR			T			T	
Volume				156		118		3568			2554	
Lane Width				3.6	3.6			3.6			3.6	
RTOR Vol						0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		24.0				85.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L	350	1752	0.49	0.20	47.5	D		
LR	314	1568	0.42	0.20	45.9	D	46.8	D

Northbound

T	2512	3547	1.58	0.71	279.6	F	279.6	F
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Southbound

T	2488	3512	1.14	0.71	86.2	F	86.2	F
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Intersection Delay = 192.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3811_MESOGEION_THEOLOGOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: THEOLOGOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	1	0	0	2	0	0	2	1
LGConfig				LTR			T			T R		
Volume				82	90	52	3586			2536 76		
Lane Width				3.6			3.6			3.6 3.6		
RTOR Vol				0						0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru		P			Thru P			
Right		P			Right P			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	15.0				94.0			
Yellow	3.0				3.0			
All Red	4.0				1.0			
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c g/C		Lane Group Delay LOS	Approach Delay LOS	
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Eastbound

Westbound

LTR 226 1807 1.10 0.13 142.3 F 142.3 F

Northbound

T 2778 3547 1.43 0.78 210.5 F 210.5 F

Southbound

T 2751 3512 1.02 0.78 36.7 D 35.7 D
R 1228 1568 0.07 0.78 3.1 A

Intersection Delay = 137.0 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3812_MESOGEION_YMHΤΤΟΥ_XANTHOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: YMHTTOU_XANTOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	2	0	0	2	0
LGConfig	L		R		LR			T			T	
Volume	240		49	73		84	3488				2508	
Lane Width	3.6		3.6		3.6		3.6				3.6	
RTOR Vol			0			0						

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		12.0				78.0	14.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	
				Cycle Length: 120.0 secs				

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	181	1805	1.48	0.10	295.2	F	254.9	F
R	160	1599	0.34	0.10	55.9	E		
Westbound								
LR	171	1706	1.02	0.10	127.5	F	127.5	F
Northbound								
T	2836	3582	1.37	0.79	179.9	F	179.9	F
Southbound								
T	2306	3547	1.21	0.65	119.2	F	119.2	F

Intersection Delay = 158.3 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3814_MESOGIION_PERIKLEOUS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: PERIKLEOUS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	1	0	2	1	1	2	0
LGConfig				L		R		T	R	L	T	
Volume				168		237	3461	266		170	2340	
Lane Width				3.6		3.6	3.6	3.6		3.6	3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		16.0				10.0	77.0	
Yellow		3.0				3.0	3.0	
All Red		2.0				1.0	5.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L 238 1787 0.79 0.13 72.8 E 142.1 F

R 213 1599 1.23 0.13 191.3 F

Northbound

T 2276 3547 1.69 0.64 333.8 F 310.7 F

R 1016 1583 0.29 0.64 10.2 B

Southbound

L 148 1770 1.28 0.08 221.6 F

T 2690 3547 0.97 0.76 24.2 C 37.6 D

Intersection Delay = 197.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3816_MESOGIION_FANEROMENIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: FANEROMENIS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	2	1	1	2	0
LGConfig					LR			T	R	L	T	
Volume				204		84	3504	142		218	2603	
Lane Width					3.6		3.6	3.6		3.6	3.6	
RTOR Vol						0			0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				69.0	17.0	
Yellow		3.0				3.0	3.0	
All Red		4.0				1.0	2.0	
				Cycle Length: 120.0 secs				

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 262 1745 1.22 0.15 179.9 F 179.9 F

Northbound

T 2040 3547 1.91 0.57 436.1 F 419.6 F
R 910 1583 0.17 0.57 12.5 B

Southbound

L 251 1770 0.96 0.14 99.5 F
T 2660 3547 1.09 0.75 61.4 E 64.3 E

Intersection Delay = 261.0 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3817_MESOGEION_17HS NOEMVRIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ZOOD. PHGHS_17HS NOEMVRIOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	3	1	0	2	0
LGConfig	L		R		LR			T	R		T	
Volume	348		240	215		16	3286	154		2366		
Lane Width	3.6		3.6		3.6		3.6	3.6		3.6		
RTOR Vol			0			0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				76.0	10.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	266	1770	1.45	0.15	275.4	F	223.3	F
R	237	1583	1.13	0.15	147.8	F		
Westbound								
LR	264	1763	0.97	0.15	99.8	F	99.8	F
Northbound								
T	3763	5074	0.97	0.74	23.5	C	22.7	C
R	1174	1583	0.15	0.74	4.8	A		
Southbound								
T	2224	3512	1.18	0.63	108.9	F	108.9	F

Intersection Delay = 74.0 (sec/veh) Intersection LOS = E

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3830_MESOGIION_ARKADIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2016
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARKADIOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	1	0	2	1	1	2	0
LGConfig						R		T	R	L	T	
Volume						80		3387	161	180	2366	
Lane Width						3.6		3.6	3.6	3.6	3.6	
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left					SB Left		P	
Thru					Thru P			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		P	
Green						91.0	19.0	
Yellow						3.0	3.0	
All Red						2.0	2.0	
						Cycle Length: 120.0 secs		

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

R	260	1644	0.34	0.16	48.5	D	48.5	D
Northbound								
T	2690	3547	1.40	0.76	196.3	F	187.6	F
R	1200	1583	0.15	0.76	4.2	A		
Southbound								
L	280	1770	0.71	0.16	62.4	E		
T	2690	3547	0.98	0.76	26.3	C	28.9	C

Intersection Delay = 120.3 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

Γ3. ΥΠΟΛΟΓΙΣΜΟΙ ΛΟΓΙΣΜΙΚΟΥ HCS – ΠΡΩΙΝΗ ΑΙΧΜΗ - 2021

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3101_ETHN.AMYNHS_ARGYROKASTROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARGYROKASTROU N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	0	1	1	0
LGConfig				LTR			LTR			L	TR	
Volume				29	69	384	4	99	4	55	422	143
Lane Width				3.6			3.6			3.6	3.6	
RTOR Vol				0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left	P		
Thru		P			Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0			14.0	13.0		
Yellow		3.0			3.0	3.0		
All Red		2.0			2.0	2.0		
Cycle Length: 60.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 934 3114 0.57 0.30 20.3 C 20.3 C

Northbound

LTR 395 1824 0.30 0.22 21.6 C 21.6 C

Southbound

L 421 1805 0.14 0.23 19.0 B
TR 965 1810 0.65 0.53 13.4 B 13.9 B

Intersection Delay = 17.1 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3103_ETHN.AMYNHS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	2	0	0	2	0	0	2	0	0	2	0
LGConfig	TR			TR			LTR			LTR		
Volume	286	109		658	29		343	78	92	162	550	195
Lane Width	3.6			3.6			3.6			3.6		
RTOR Vol	0			0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	17.0				23.0	17.0		
Yellow	3.0				3.0	3.0		
All Red	1.0				2.0	1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
TR	826	3400	0.53	0.24	25.5	C	25.5	C
Westbound								
TR	856	3524	0.89	0.24	39.1	D	39.1	D
Northbound								
LTR	803	3307	0.71	0.24	29.5	C	29.5	C
Southbound								
LTR	1107	3369	0.91	0.33	35.1	D	35.1	D

Intersection Delay = 33.5 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3104_25HS MARTIOU ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	1	0	1	0
LGConfig				LTR			LT R			LTR		
Volume				166	743	288	25	52	107	288	172	55
Lane Width				3.6			3.6 3.6			3.6		
RTOR Vol						0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru		P			Thru		P	
Right		P			Right		P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		21.0				15.0	21.0	
Yellow		3.0				3.0	3.0	
All Red		1.0				2.0	1.0	
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 999 3330 1.33 0.30 180.5 F 180.5 F

Northbound

LT 397 1851 0.22 0.21 23.9 C 25.2 C
R 343 1599 0.35 0.21 26.1 C

Southbound

LTR 541 1804 1.06 0.30 79.2 E 79.2 E

Intersection Delay = 137.9 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3106_IONIAS_KYPROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: KYPROU N/S St: IONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	0	0	0	1	0
LGConfig	TR			TR						LT		
Volume	159	197		366	21					23	298	
Lane Width	3.6			3.6						3.6		
RTOR Vol	0			0								

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru	P				Thru			
Right	P				Right			
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	30.0				22.0			
Yellow	3.0				3.0			
All Red	0.0				2.0			
								Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
TR	799	1598	0.50	0.50	12.2	B	12.2	B
Westbound								
TR	858	1715	0.50	0.50	12.1	B	12.1	B
Northbound								
Southbound								
LT	631	1721	0.57	0.37	18.8	B	18.8	B

Intersection Delay = 14.2 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3107_PINDOU_ALEVIZATOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ALEVIZATOU N/S St: PINDOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	1	0	0	1	0
LGConfig					LR			TR			LT	
Volume				195		10	258	74		19	603	
Lane Width					3.6		3.6				3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		11.0				51.0		
Yellow		3.0				3.0		
All Red		1.0				1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 267 1700 0.85 0.16 56.4 E 56.4 E

Northbound

TR 1303 1789 0.28 0.73 3.8 A 3.8 A

Southbound

LT 1325 1819 0.52 0.73 5.6 A 5.6 A

Intersection Delay = 14.1 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3110_NAVARINOU_DOIRANIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: DOIRANIS N/S St: NAVARINOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L		R					T			T	
Volume	120		2					418			825	
Lane Width	3.6		3.6					3.6			3.6	
RTOR Vol			0									

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		8.0				52.0		
Yellow		3.0				3.0		
All Red		1.0				3.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	193	1687	0.69	0.11	48.1	D	47.8	D
R	172	1509	0.01	0.11	27.6	C		
Westbound								
Northbound								
T	1371	1845	0.34	0.74	3.8	A	3.8	A
Southbound								
T	1371	1845	0.67	0.74	7.2	A	7.2	A

Intersection Delay = 9.8 (sec/veh) Intersection LOS = A

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3126_25HS MARTIOU_SARANTAPOROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: SARANTAPOROU N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	0	0	0	1	0	0	1	0
LGConfig	LTR						TR			LT		
Volume	23	42	55				359	13		76	397	
Lane Width	3.6						3.6			3.6		
RTOR Vol	0						0					

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left			
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	7.0				45.0			
Yellow	3.0				3.0			
All Red	9.0				3.0			
								Cycle Length: 70.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

LTR 169 1692 0.79 0.10 61.5 E 61.5 E

Westbound

Northbound

TR 1180 1836 0.35 0.64 6.6 A 6.6 A

Southbound

LT 1039 1616 0.51 0.64 8.4 A 8.4 A

Intersection Delay = 14.3 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3128_MAKEDONIAS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: MAKEDONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	0	0	1	0	0	0	0
LGConfig	L	T			TR			LTR				
Volume	166	58		523	12		161	240	62			
Lane Width	3.5	3.5		3.5				4.8				
RTOR Vol					0				0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left			P	P	NB Left	P		
Thru		P	P		Thru	P		
Right					Right	P		
Peds					Peds			
WB Left					SB Left			
Thru		P			Thru			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		36.0	6.0	2.0		23.0		
Yellow		3.0	3.0	3.0		3.0		
All Red		0.0	0.0	0.0		1.0		
Cycle Length: 80.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	232	1684	0.79	0.14	57.1	E		
T	997	1773	0.06	0.56	8.1	A	44.4	D
Westbound								
TR	1514	3364	0.39	0.45	15.5	B	15.5	B
Northbound								
LTR	569	1979	0.91	0.29	47.9	D	47.9	D
Southbound								

Intersection Delay = 33.1 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP
Agency: NAMA SA
Date: 16/5/2016
Period: AM
Project ID:
E/W St: KYPROU

Inter.: 3808_MESOGIION_KYPROU
Area Type: All other areas
Jurisd:
Year: 2021
N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	0	2	0	1	3	0	1	2	1
LGConfig	L	T	R	DefL	TR		L	TR		L	T	R
Volume	19	8	8	309	27	108	210	2612	244	180	3554	136
Lane Width	3.6	3.6	3.6	3.6	3.6		3.6	3.6		3.6	3.6	3.6
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	P		
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
WB Left	P				SB Left			P
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
NB Right					EB Right	P		
SB Right					WB Right			
Green	18.0				13.0	56.0	15.0	
Yellow	3.0				3.0	3.0	3.0	
All Red	2.0				2.0	1.0	1.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	188	1252	0.11	0.15	45.3	D		
T	284	1892	0.03	0.15	43.8	D	41.3	D
R	483	1609	0.02	0.30	29.6	C		
Westbound								
DefL	214	1428	1.60	0.15	343.0	F		
TR	251	1672	0.60	0.15	57.7	E	256.2	F
Northbound								
L	196	1805	1.19	0.11	177.9	F		
TR	3040	4929	1.04	0.62	52.2	D	60.8	E
Southbound								
L	219	1752	0.91	0.13	93.6	F		
T	2195	3512	1.80	0.63	383.9	F	357.3	F
R	1009	1615	0.15	0.63	9.6	A		

Intersection Delay = 227.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3809_MESOGEION_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	0	0	2	0	0	2	0
LGConfig				L	LR			T			T	
Volume				466		176		2751			3404	
Lane Width				3.6	3.6			3.6			3.6	
RTOR Vol						0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		24.0				85.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L	350	1752	1.48	0.20	278.8	F		
LR	314	1568	0.62	0.20	52.9	D	216.8	F

Northbound

T	2464	3478	1.24	0.71	129.4	F	129.4	F
---	------	------	------	------	-------	---	-------	---

Southbound

T	2488	3512	1.52	0.71	253.6	F	253.6	F
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Intersection Delay = 199.9 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3811_MESOGIION_THEOLOGOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: THEOLOGOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	1	0	0	2	0	0	2	1
LGConfig				LTR			T			T R		
Volume				101	192	67	2782			3496 168		
Lane Width				3.6			3.6			3.6 3.6		
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru		P			Thru P			
Right		P			Right P			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		16.0				93.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c g/C		Lane Group Delay LOS	Approach Delay LOS
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Eastbound

Westbound

LTR 239 1791 1.67 0.13 371.0 F 371.0 F

Northbound

T 2670 3445 1.16 0.77 89.1 F 89.1 F

Southbound

T 2722 3512 1.43 0.77 207.8 F 198.4 F
R 1215 1568 0.15 0.77 3.7 A

Intersection Delay = 162.8 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3812_MESOGEION_YMHΤΤΟΥ_XANTHOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: YMHTTOU_XANTOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	2	0	0	2	0
LGConfig	L		R		LR			T			T	
Volume	145		48	135		139		2684			3480	
Lane Width	3.6		3.6		3.6			3.6			3.6	
RTOR Vol			0			0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		13.0				77.0	14.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	194	1787	0.83	0.11	84.4	F	76.8	E
R	173	1599	0.31	0.11	53.9	D		
Westbound								
LR	185	1710	1.64	0.11	366.0	F	366.0	F
Northbound								
T	2778	3547	1.07	0.78	53.7	D	53.7	D
Southbound								
T	2232	3478	1.73	0.64	353.0	F	353.0	F

Intersection Delay = 224.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3814_MESOGIION_PERIKLEOUS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: PERIKLEOUS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	1	0	2	1	1	2	0
LGConfig				L		R		T	R	L	T	
Volume				281		220	2656	151		109	3198	
Lane Width				3.6		3.6	3.6	3.6		3.6	3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				11.0	76.0	
Yellow		3.0				3.0	3.0	
All Red		2.0				1.0	3.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L	251	1671	1.24	0.15	189.4	F	166.4	F
R	224	1495	1.09	0.15	137.0	F		

Northbound

T	2162	3413	1.36	0.63	189.3	F	179.6	F
R	965	1524	0.17	0.63	9.5	A		

Southbound

L	162	1770	0.75	0.09	79.7	E		
T	2690	3547	1.32	0.76	161.6	F	158.9	F

Intersection Delay = 168.2 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3816_MESOGIION_FANEROMENIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: FANEROMENIS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	2	1	1	2	0
LGConfig					LR			T	R	L	T	
Volume				246		107	2671	120		317	3202	
Lane Width					3.6		3.6	3.6		3.6	3.6	
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left		P			SB Left		P	
Thru					Thru P	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				69.0	17.0	
Yellow		3.0				3.0	3.0	
All Red		4.0				1.0	2.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 257 1710 1.53 0.15 306.2 F 306.2 F

Northbound

T 2019 3512 1.47 0.57 239.8 F 230.0 F
R 902 1568 0.15 0.57 12.2 B

Southbound

L 248 1752 1.42 0.14 262.2 F
T 2634 3512 1.35 0.75 175.4 F 183.3 F

Intersection Delay = 209.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3817_MESOGEION_17HS NOEMVRIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ZOOD. PHGHS_17HS NOEMVRIOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	3	1	0	2	0
LGConfig	L		R		LR			T	R		T	
Volume	365		233	172		29	2665	130		2980		
Lane Width	3.6		3.6		3.6		3.6	3.6		3.6		
RTOR Vol			0			0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		16.0				79.0	9.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
<u>Eastbound</u>								
L	229	1719	1.77	0.13	417.0	F	333.8	F
R	205	1538	1.26	0.13	203.5	F		
<u>Westbound</u>								
LR	221	1654	1.01	0.13	114.9	F	114.9	F
<u>Northbound</u>								
T	3811	5025	0.78	0.76	10.1	B	9.9	A
R	1189	1568	0.12	0.76	4.1	A		
<u>Southbound</u>								
T	2312	3512	1.43	0.66	217.5	F	217.5	F

Intersection Delay = 136.7 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3830_MESOGIION_ARKADIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARKADIOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	1	0	2	1	1	2	0
LGConfig						R		T	R	L	T	
Volume						94		2858	124	197	2980	
Lane Width						3.6		3.6	3.6	3.6	3.6	
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left					SB Left		P	
Thru					Thru P			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		P	
Green						88.0	19.0	
Yellow						3.0	3.0	
All Red						5.0	2.0	
						Cycle Length: 120.0 secs		

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

R	260	1644	0.40	0.16	49.9	D	49.9	D
Northbound								
T	2575	3512	1.23	0.73	124.6	F	119.6	F
R	1150	1568	0.12	0.73	4.9	A		
Southbound								
L	277	1752	0.79	0.16	68.8	E		
T	2575	3512	1.29	0.73	147.7	F	142.8	F

Intersection Delay = 130.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

Γ4. ΥΠΟΛΟΓΙΣΜΟΙ ΛΟΓΙΣΜΙΚΟΥ HCS – ΜΕΣΗΜΒΡΙΝΗ ΑΙΧΜΗ - 2021

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3101_ETHN.AMYNHS_ARGYROKASTROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARGYROKASTROU N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	0	1	1	0
LGConfig				LTR			LTR			L	TR	
Volume				42	15	397	0	275	2	21	286	38
Lane Width				3.6			3.6			3.6	3.6	
RTOR Vol						0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left	P		
Thru		P			Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				14.0	13.0	
Yellow		3.0				3.0	3.0	
All Red		2.0				2.0	2.0	
Cycle Length: 60.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 920 3068 0.55 0.30 20.0- B 20.0- B

Northbound

LTR 407 1880 0.76 0.22 34.4 C 34.4 C

Southbound

L 421 1805 0.05 0.23 18.1 B
TR 986 1848 0.37 0.53 9.2 A 9.7 A

Intersection Delay = 20.4 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3103_ETHN.AMYNHS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: ETHN. AMYNHS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	2	0	0	2	0	0	2	0	0	2	0
LGConfig	TR			TR			LTR			LTR		
Volume	202	103		235	27		239	191	204	139	340	42
Lane Width	3.6			3.6			3.6			3.6		
RTOR Vol	0			0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	17.0				23.0	17.0		
Yellow	3.0				3.0	3.0		
All Red	1.0				2.0	1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
TR	818	3367	0.41	0.24	23.8	C	23.8	C
Westbound								
TR	848	3492	0.34	0.24	23.0	C	23.0	C
Northbound								
LTR	813	3346	0.87	0.24	37.4	D	37.4	D
Southbound								
LTR	1147	3492	0.50	0.33	20.5	C	20.5	C

Intersection Delay = 27.7 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3104_25HS MARTIOU_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	1	0	1	0
LGConfig				LTR			LT R			LTR		
Volume				48	229	239	32	63	128	200	109	61
Lane Width				3.6			3.6 3.6			3.6		
RTOR Vol				0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru		P			Thru		P	
Right		P			Right		P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		21.0				15.0	21.0	
Yellow		3.0				3.0	3.0	
All Red		1.0				2.0	1.0	
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 986 3285 0.58 0.30 23.3 C 23.3 C

Northbound

LT 385 1796 0.28 0.21 24.7 C 26.5 C

R 333 1553 0.43 0.21 27.7 C

Southbound

LTR 522 1739 0.79 0.30 33.9 C 33.9 C

Intersection Delay = 27.4 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3106_IONIAS_KYPROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: KYPROU N/S St: IONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	1	0	0	0	0	0	1	0
LGConfig	TR			TR						LT		
Volume	363		207	243		19				19	100	
Lane Width	3.6			3.6						3.6		
RTOR Vol	0			0								

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru	P				Thru			
Right	P				Right			
Peds					Peds			
WB Left					SB Left	P		
Thru	P				Thru	P		
Right	P				Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	30.0				22.0			
Yellow	3.0				3.0			
All Red	0.0				2.0			
								Cycle Length: 60.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

TR 904 1807 0.70 0.50 16.0 B 16.0 B

Westbound

TR 941 1881 0.31 0.50 9.7 A 9.7 A

Northbound

Southbound

LT 691 1885 0.19 0.37 13.6 B 13.6 B

Intersection Delay = 14.0 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3107_PINDOU_ALEVIZATOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ALEVIZATOU N/S St: PINDOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	1	0	0	1	0
LGConfig					LR			TR			LT	
Volume				90		19	649	174		36	588	
Lane Width					3.6		3.6				3.6	
RTOR Vol						0		0				

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		11.0				51.0		
Yellow		3.0				3.0		
All Red		1.0				1.0		
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 280 1782 0.43 0.16 31.5 C 31.5 C

Northbound

TR 1332 1828 0.69 0.73 8.1 A 8.1 A

Southbound

LT 1269 1742 0.55 0.73 6.0 A 6.0 A

Intersection Delay = 8.9 (sec/veh) Intersection LOS = A

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3110_NAVARINOU_DOIRANIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: DOIRANIS N/S St: NAVARINOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	1	0	0	1	0
LGConfig	L R						T			T		
Volume	147 10						559			449		
Lane Width	3.6 3.6						3.6			3.6		
RTOR Vol	0											

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
WB Left					SB Left			
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	8.0				52.0			
Yellow	3.0				3.0			
All Red	1.0				3.0			

Cycle Length: 70.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	206	1805	0.79	0.11	56.1	E	54.4	D
R	185	1615	0.06	0.11	28.3	C		
Westbound								
Northbound								
T	1411	1900	0.44	0.74	4.4	A	4.4	A
Southbound								
T	1411	1900	0.35	0.74	3.8	A	3.8	A

Intersection Delay = 10.9 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3126_25HS MARTIOU_SARANTAPOROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: SARANTAPOROU N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	1	0	0	0	0	0	1	0	0	1	0
LGConfig	LTR						TR			LT		
Volume	29	55	32				334	17		69	269	
Lane Width	3.6						3.6			3.6		
RTOR Vol	0						0					

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left			
Thru	P				Thru	P		
Right	P				Right	P		
Peds					Peds			
WB Left					SB Left	P		
Thru					Thru	P		
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green	7.0				45.0			
Yellow	3.0				3.0			
All Red	9.0				3.0			
Cycle Length: 70.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

LTR 175 1753 0.74 0.10 54.6 D 54.6 D

Westbound

Northbound

TR 1214 1888 0.32 0.64 6.3 A 6.3 A

Southbound

LT 1047 1628 0.36 0.64 6.8 A 6.8 A

Intersection Delay = 13.5 (sec/veh) Intersection LOS = B

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3128_MAKEDONIAS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: MAKEDONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	0	0	1	0	0	0	0
LGConfig	L	T			TR			LTR				
Volume	174	218			210	42	94	388	38			
Lane Width	3.5	3.5			3.5			4.8				
RTOR Vol						0			0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left			P	P	NB Left	P		
Thru		P	P		Thru	P		
Right					Right	P		
Peds					Peds			
WB Left					SB Left			
Thru		P			Thru			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		36.0	6.0	2.0		23.0		
Yellow		3.0	3.0	3.0		3.0		
All Red		0.0	0.0	0.0		1.0		
				Cycle Length: 80.0				secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	241	1750	0.80	0.14	57.2	E		
T	1036	1842	0.23	0.56	9.3	A	30.6	C
Westbound								
TR	1539	3419	0.18	0.45	13.4	B	13.4	B
Northbound								
LTR	607	2113	0.95	0.29	54.1	D	54.1	D
Southbound								

Intersection Delay = 37.4 (sec/veh) Intersection LOS = D

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP
Agency: NAMA SA
Date: 16/5/2016
Period: PM
Project ID:
E/W St: KYPROU

Inter.: 3808_MESOGIION_KYPROU
Area Type: All other areas
Jurisd:
Year: 2021
N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	0	2	0	1	3	0	1	2	1
LGConfig	L	T	R	DefL	TR		L	TR		L	T	R
Volume	173	84	254	267	17	122	32	3380	393	214	2617	15
Lane Width	3.6	3.6	3.6	3.6	3.6		3.6	3.6		3.6	3.6	3.6
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	P		
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
WB Left	P				SB Left			P
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
NB Right					EB Right	P		
SB Right					WB Right			
Green	15.0				10.0	58.0	16.0	
Yellow	3.0				3.0	3.0	3.0	
All Red	2.0				2.0	1.0	4.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	154	1234	1.25	0.13	206.2	F		
T	234	1874	0.40	0.13	53.3	D	104.0	F
R	398	1593	0.71	0.25	51.2	D		
Westbound								
DefL	156	1248	1.90	0.13	482.2	F		
TR	204	1634	0.76	0.13	73.8	E	342.2	F
Northbound								
L	148	1770	0.24	0.08	55.3	E		
TR	3039	4995	1.38	0.61	196.5	F	195.3	F
Southbound								
L	236	1770	1.01	0.13	112.8	F		
T	2306	3547	1.26	0.65	142.1	F	139.2	F
R	1029	1583	0.02	0.65	7.5	A		

Intersection Delay = 175.9 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3809_MESOGIION_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	0	0	2	0	0	2	0
LGConfig				L	LR			T			T	
Volume				164		124		3746			2682	
Lane Width				3.6	3.6			3.6			3.6	
RTOR Vol						0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru P			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		24.0				85.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L	350	1752	0.52	0.20	48.3	D		
LR	314	1568	0.44	0.20	46.5	D	47.5	D

Northbound

T	2512	3547	1.66	0.71	314.9	F	314.9	F
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Southbound

T	2488	3512	1.20	0.71	110.7	F	110.7	F
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Intersection Delay = 221.9 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3811_MESOGIION_THEOLOGOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: THEOLOGOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	1	0	0	2	0	0	2	1
LGConfig				LTR			T			T R		
Volume				86	94	55	3765			2663 80		
Lane Width				3.6			3.6			3.6 3.6		
RTOR Vol						0						0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right			
Peds					Peds			
WB Left		P			SB Left			
Thru		P			Thru P			
Right		P			Right P			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		15.0				94.0		
Yellow		3.0				3.0		
All Red		4.0				1.0		
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios v/c g/C		Lane Group Delay LOS	Approach Delay LOS	
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Eastbound

Westbound

LTR 226 1807 1.15 0.13 160.5 F 160.5 F

Northbound

T 2778 3547 1.51 0.78 242.5 F 242.5 F

Southbound

T 2751 3512 1.08 0.78 54.6 D 53.1 D
R 1228 1568 0.07 0.78 3.1 A

Intersection Delay = 162.6 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3812_MESOGIION_YMHTTOU_XANTHOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: YMHTTOU_XANTOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	2	0	0	2	0
LGConfig	L		R		LR			T			T	
Volume	252		51	77		88	3662				2633	
Lane Width	3.6		3.6		3.6		3.6				3.6	
RTOR Vol			0			0						

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		12.0				78.0	14.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	

Cycle Length: 120.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	181	1805	1.55	0.10	325.6	F	280.1	F
R	160	1599	0.36	0.10	56.5	E		
Westbound								
LR	171	1706	1.08	0.10	144.5	F	144.5	F
Northbound								
T	2836	3582	1.43	0.79	210.2	F	210.2	F
Southbound								
T	2306	3547	1.27	0.65	145.6	F	145.6	F

Intersection Delay = 186.6 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3814_MESOGIION_PERIKLEOUS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: PERIKLEOUS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	1	0	1	0	2	1	1	2	0
LGConfig				L		R		T	R	L	T	
Volume				176		249	3634		279	178		2457
Lane Width				3.6		3.6	3.6		3.6	3.6		3.6
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru		P	
Right					Right		P	
Peds					Peds			
WB Left		P			SB Left	P		
Thru					Thru	P	P	
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		16.0				10.0	77.0	
Yellow		3.0				3.0	3.0	
All Red		2.0				1.0	5.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

L 238 1787 0.82 0.13 77.1 E 159.1 F

R 213 1599 1.30 0.13 217.2 F

Northbound

T 2276 3547 1.77 0.64 371.7 F 345.9 F

R 1016 1583 0.31 0.64 10.4 B

Southbound

L 148 1770 1.34 0.08 245.5 F

T 2690 3547 1.01 0.76 35.6 D 49.8 D

Intersection Delay = 222.6 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3816_MESOGIION_FANEROMENIS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: FANEROMENIS N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	0	0	2	1	1	2	0
LGConfig					LR			T	R	L	T	
Volume				214		88	3679	149		229	2733	
Lane Width					3.6		3.6	3.6		3.6	3.6	
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left		P			SB Left		P	
Thru					Thru P	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				69.0	17.0	
Yellow		3.0				3.0	3.0	
All Red		4.0				1.0	2.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LR 262 1745 1.28 0.15 204.0 F 204.0 F

Northbound

T 2040 3547 2.00 0.57 479.0 F 460.8 F
R 910 1583 0.18 0.57 12.5 B

Southbound

L 251 1770 1.01 0.14 111.4 F
T 2660 3547 1.14 0.75 83.8 F 86.0 F

Intersection Delay = 293.3 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3817_MESOGEION_17HS NOEMVRIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ZOOD. PHGHS_17HS NOEMVRIOU N/S St: L. MESOGEION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	0	1	0	0	0	0	3	1	0	2	0
LGConfig	L		R		LR			T	R		T	
Volume	365		252	226		17	3450	162		2484		
Lane Width	3.6		3.6		3.6		3.6	3.6		3.6		
RTOR Vol			0			0			0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left		P			NB Left			
Thru					Thru	P	P	
Right		P			Right	P	P	
Peds					Peds			
WB Left		P			SB Left			
Thru					Thru	P		
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		18.0				76.0	10.0	
Yellow		3.0				3.0	3.0	
All Red		3.0				0.0	4.0	
				Cycle Length: 120.0 secs				

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	266	1770	1.53	0.15	306.1	F	249.4	F
R	237	1583	1.18	0.15	167.3	F		
Westbound								
LR	264	1763	1.02	0.15	112.4	F	112.4	F
Northbound								
T	3763	5074	1.02	0.74	35.1	D	33.7	C
R	1174	1583	0.15	0.74	4.8	A		
Southbound								
T	2224	3512	1.24	0.63	134.5	F	134.5	F

Intersection Delay = 91.6 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3830_MESOGIION_ARKADIOU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ARKADIOU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	0	1	0	2	1	1	2	0
LGConfig						R		T	R	L	T	
Volume						84		3556	169	189	2484	
Lane Width						3.6		3.6	3.6	3.6	3.6	
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left			
Thru					Thru P			
Right					Right P			
Peds					Peds			
WB Left					SB Left		P	
Thru					Thru P			
Right					Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right		P	
Green						91.0	19.0	
Yellow						3.0	3.0	
All Red						2.0	2.0	
						Cycle Length: 120.0 secs		

Intersection Performance Summary

Appr/ Lane Grp	Lane Group	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
	Capacity		v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

R	260	1644	0.36	0.16	48.9	D	48.9	D
Northbound								
T	2690	3547	1.47	0.76	227.5	F	217.4	F
R	1200	1583	0.16	0.76	4.3	A		
Southbound								
L	280	1770	0.75	0.16	65.0	E		
T	2690	3547	1.03	0.76	38.9	D	40.7	D

Intersection Delay = 142.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

Γ5. ΥΠΟΛΟΓΙΣΜΟΙ ΛΟΓΙΣΜΙΚΟΥ HCS – ΠΡΩΙΝΗ ΑΙΧΜΗ ΜΕ ΒΕΛΤΙΣΤΟΠΟΙΗΣΗ - 2021

HCS+: Signalized Intersections Release 5.3

Analyst: EP
Agency: NAMA SA
Date: 16/5/2016
Period: AM
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS

Inter.: 3104_25HS MARTIOU_ANASTASEOS
Area Type: All other areas
Jurisd:
Year: 2021
N/S St: 25HS MARTIOU

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	0	0	0	0	2	0	0	1	1	0	1	0
LGConfig				LTR			LT R			LTR		
Volume				166	743	288	25	52	107	288	172	55
Lane Width				3.6			3.6			3.6		
RTOR Vol				0			0			0		

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left					NB Left	P		
Thru					Thru	P		
Right					Right	P		
Peds					Peds			
WB Left		P			SB Left		P	
Thru		P			Thru		P	
Right		P			Right		P	
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		28.0			8.0	21.0		
Yellow		3.0			3.0	3.0		
All Red		1.0			2.0	1.0		

Cycle Length: 70.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS

Eastbound

Westbound

LTR 1332 3330 1.00 0.40 45.3 D 45.3 D

Northbound

LT 212 1851 0.41 0.11 34.5 C 41.3 D
R 183 1599 0.65 0.11 46.2 D

Southbound

LTR 541 1804 1.06 0.30 79.2 E 79.2 E

Intersection Delay = 54.1 (sec/veh) Intersection LOS = D

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3128_MAKEDONIAS_ANASTASEOS
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: AM_OPT Year: 2021
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS N/S St: MAKEDONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	0	0	1	0	0	0	0
LGConfig	L	T			TR			LTR				
Volume	166	58		523	12		161	240	62			
Lane Width	3.5	3.5		3.5				4.8				
RTOR Vol					0				0			

Duration	0.25	Area Type:	All other areas					
Signal Operations								
Phase Combination	1	2	3	4	5	6	7	8
EB Left			P	P	NB Left	P		
Thru		P	P		Thru	P		
Right					Right	P		
Peds					Peds			
WB Left					SB Left			
Thru		P			Thru			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		29.0	9.0	2.0		27.0		
Yellow		3.0	3.0	3.0		3.0		
All Red		0.0	0.0	0.0		1.0		
				Cycle Length: 80.0				secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	295	1684	0.62	0.17	40.1	D		
T	909	1773	0.07	0.51	10.0+	B	32.4	C
Westbound								
TR	1219	3364	0.49	0.36	21.1	C	21.1	C
Northbound								
LTR	668	1979	0.77	0.34	32.1	C	32.1	C
Southbound								

Intersection Delay = 27.4 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP
Agency: NAMA SA
Date: 16/5/2016
Period: AM_OPT
Project ID:
E/W St: KYPROU

Inter.: 3808_MESOGIION_KYPROU
Area Type: All other areas
Jurisd:
Year: 2021
N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	2	1	0	1	3	0	1	2	1
LGConfig	L	T	R	L	TR		L	TR		L	T	R
Volume	19	8	8	309	27	108	210	2612	244	180	3554	136
Lane Width	3.6	3.6	3.6	3.6	3.6		3.6	3.6		3.6	3.6	3.6
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	P		
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
WB Left	P				SB Left			P
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
NB Right					EB Right	P		
SB Right					WB Right			
Green	18.0				13.0	56.0	15.0	
Yellow	3.0				3.0	3.0	3.0	
All Red	2.0				2.0	1.0	1.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	143	955	0.15	0.15	46.5	D		
T	284	1892	0.03	0.15	43.8	D	42.0	D
R	483	1609	0.02	0.30	29.6	C		
Westbound								
L	333	2217	1.03	0.15	108.3	F		
TR	251	1672	0.60	0.15	57.7	E	92.9	F
Northbound								
L	196	1805	1.19	0.11	177.9	F		
TR	3040	4929	1.04	0.62	52.2	D	60.8	E
Southbound								
L	219	1752	0.91	0.13	93.6	F		
T	2195	3512	1.80	0.63	383.9	F	357.3	F
R	1009	1615	0.15	0.63	9.6	A		

Intersection Delay = 217.4 (sec/veh) Intersection LOS = F

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

Γ6. ΥΠΟΛΟΓΙΣΜΟΙ ΛΟΓΙΣΜΙΚΟΥ HCS – ΜΕΣΗΜΒΡΙΝΗ ΑΙΧΜΗ ΜΕ ΒΕΛΤΙΣΤΟΠΟΙΗΣΗ - 2021

HCS+: Signalized Intersections Release 5.3

Analyst: EP
Agency: NAMA SA
Date: 16/5/2016
Period: PM_OPT
Project ID: 917_XOLARGOS_PAPAGOU
E/W St: ANASTASEOS

Inter.: 3128_MAKEDONIAS_ANASTASEOS
Area Type: All other areas
Jurisd:
Year: 2021
N/S St: MAKEDONIAS

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	0	0	2	0	0	1	0	0	0	0
LGConfig	L	T			TR			LTR				
Volume	174	218			210	42	94	388	38			
Lane Width	3.5	3.5			3.5			4.8				
RTOR Vol						0			0			

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left			P		NB Left	P		
Thru	P				Thru	P		
Right		P			Right	P		
Peds					Peds			
WB Left					SB Left			
Thru		P			Thru			
Right		P			Right			
Peds					Peds			
NB Right					EB Right			
SB Right					WB Right			
Green		15.0	15.0	2.0		35.0		
Yellow		3.0	3.0	3.0		3.0		
All Red		0.0	0.0	0.0		1.0		

Cycle Length: 80.0 secs

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	438	1750	0.44	0.25	28.5	C		
T	760	1842	0.32	0.41	17.0	B	22.1	C
Westbound								
TR	641	3419	0.44	0.19	30.9	C	30.9	C
Northbound								
LTR	924	2113	0.62	0.44	20.6	C	20.6	C
Southbound								

Intersection Delay = 23.3 (sec/veh) Intersection LOS = C

**Φάση Α': Απογραφή & αξιολόγηση υφιστάμενης κατάστασης,
Διαμόρφωση & Αξιολόγηση σεναρίων & προτάσεων
Έκθεση Φάσης Α', Παράρτημα Γ: Αποτελέσματα Ανάλυσης HCS**

HCS+: Signalized Intersections Release 5.3

Analyst: EP Inter.: 3808_MESOGIION_KYPROU
Agency: NAMA SA Area Type: All other areas
Date: 16/5/2016 Jurisd:
Period: PM_OPT Year: 2021
Project ID:
E/W St: KYPROU N/S St: L. MESOGIION

SIGNALIZED INTERSECTION SUMMARY

	Eastbound			Westbound			Northbound			Southbound		
	L	T	R	L	T	R	L	T	R	L	T	R
No. Lanes	1	1	1	2	1	0	1	3	0	1	3	0
LGConfig	L	T	R	L	TR		L	TR		L	TR	
Volume	173	84	254	267	17	122	32	3380	393	214	2617	15
Lane Width	3.6	3.6	3.6	3.6	3.6		3.6	3.6		3.6	3.6	
RTOR Vol			0			0			0			0

Duration 0.25 Area Type: All other areas

Signal Operations

Phase Combination	1	2	3	4	5	6	7	8
EB Left	P				NB Left	P		
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
WB Left	P				SB Left			P
Thru	P				Thru	P	P	
Right	P				Right	P	P	
Peds					Peds			
NB Right					EB Right	P		
SB Right					WB Right			
Green	15.0				10.0	58.0	16.0	
Yellow	3.0				3.0	3.0	3.0	
All Red	2.0				2.0	1.0	4.0	
Cycle Length: 120.0 secs								

Intersection Performance Summary

Appr/ Lane Grp	Lane Group Capacity	Adj Sat Flow Rate (s)	Ratios		Lane Group		Approach	
			v/c	g/C	Delay	LOS	Delay	LOS
Eastbound								
L	104	831	1.85	0.13	467.9	F		
T	234	1874	0.40	0.13	53.3	D	192.7	F
R	398	1593	0.71	0.25	51.2	D		
Westbound								
L	229	1835	1.30	0.13	214.5	F		
TR	204	1634	0.76	0.13	73.8	E	166.2	F
Northbound								
L	148	1770	0.24	0.08	55.3	E		
TR	3039	4995	1.38	0.61	196.5	F	195.3	F
Southbound								
L	236	1770	1.01	0.13	112.8	F		
TR	3295	5070	0.89	0.65	21.4	C	28.3	C

Intersection Delay = 130.7 (sec/veh) Intersection LOS = F