

1. INTRODUCTION

This Environmental Management Report is the sixth approach of the Construction J/V's "Central Greece (E65) Motorway" Environmental Management Process and has been drawn up in the context of its contractual obligation deriving from Article 13.3 paragraph (b) [11.2.2 (ii) of the Concession Agreement 3597/20-07-2007 - OGG 3445A/25-07-2007] for the approved environmental terms of the project pursuant to which:

"The bulletin determined by the Project's Approved Environmental Terms shall be submitted by the project construction or operation body to ΕΥΠΕ/ΥΠΕΧΩΔΕ by January 31st of each year.

- *The course of the construction of the projects, along with detailed documentation on the environmental terms compliance*
- *Sections of the project already received or operate*
- *Licenses or approvals given in accordance with the terms hereof*
- *Designs commissioned, qualitative and quantitative financial data, for the environmental protection projects as well as the percentage of the expenditure for these projects in relation to the total cost for the construction of the project.*
- *Anti-pollution projects control and environmental protection to be made next year*
- *Summary results of the noise, air pollution, water quality and wildlife (wolf) monitoring program. Problems encountered, unforeseen situations and any information or suggestion that could be useful to mitigate any adverse environmental impacts from the construction or operation of the project."*

This Annual Environmental Management Report refers to 2013.

1.1 DESCRIPTION OF THE PROJECT

State: Hellenic Republic

Concessionaire: CENTRAL GREECE MOTORWAY S.A.



CENTRAL GREECE MOTORWAY (E-65)

Constructor: CENTRAL GREECE MOTORWAY (E65) J.V

Independent Engineer: URS - OMEK

The scope of the project includes the “Design – Construction – Financing – Operation - Maintenance and Exploitation of Central Greece Motorway E65” for thirty (30) years in accordance with the respective Concession Agreement:

- (i) “Central Greece” Motorway with a length of 190,5 km from PATHE semi-junction to Egnatia I/C.
- (ii) PATHE motorway with a total length of approximately 57 km from Skarfia to Raches section.

The project is a part of the Trans-European Networks (TEN).

It serves international traffic portals in Volos, Igoumenitsa, Kristallopigi and Niki as well as the trans-regional traffic.

The Central Greece Motorway (E65) starts from the intersection at the PATHE motorway (CH. 203+000) and ends at Egnatia Odos, crossing the prefectures of Fthiotida, Karditsa, Trikala, Grevena.

It consists of two lanes per traffic lane as well as of an emergency lane. The width of the motorway in sections 0+000 – 19+000 and 61+500 – 130+600 is 23.30 m. with a central islet with a New Jersey safety barrier and planting, while as for the sections 19+000 – 61+500, 130+600 – Egnatia I/C is 22,0 m. with a side New Jersey safety barrier on the central islet.

The design speed is 120km/h in the lowland areas and 110km/h in the mountainous regions.

It includes:

1. 24 Interchanges

A. PATHE motorway (State New Section) and 57 km on length
7 Junctions

- Molos I/C at CH. 5+500

CENTRAL GREECE MOTORWAY (E-65)

- Thermopiles I/C at CH. 18+000
- Roditsa I/C at CH. 27+500
- Ag. Paraskevi I/C at CH. 32+500
- Ag. Marina I/C at CH. 38+200
- Stylida – Karavomilos I/C at CH. 47+000
- Raches I/C at CH. 57+000

Furthermore, two semi-junctions, integrated with E65 motorway, are constructed as follows:

- PATHE semi-junction ~ CH. 22+000
- Anthili semi-junction ~ CH. 26+500

B. E65 motorway 17 Junctions

- PATHE semi-junction at CH. 0+000
- Lamia I/C at CH. 5+900
- Anthili semi-junction integrated with Lamia I/C
- Karpenissi I/C 14+150
- Ksiniada I/C at CH. 32+270
- Smokovo semi-junction at 48+100
- Anavra I/C at 60+250
- Sofades I/C at 71+900
- Karditsa I/C at 80+400
- Proastio I/C at 97+000
- Loggos I/C at 105+980
- Trikala I/C at 110+940
- Vassiliki I/C at 122+780
- Kalampaka I/C at 135+450
- Grevena I/C at 143+390
- Karpero I/C ~ 169+000
- Egnatia I/C ~ 190+500

2. 6 Frontal & 16 Lateral Toll Stations

a. Frontal toll stations

CENTRAL GREECE MOTORWAY (E-65)

E-65 motorway

- Karpenissi – Ksiniada at CH. 17+000
- Anavra – Sofades at CH. 66+650
- Proastio – Trikala at Ch. 108+500
- Karpero – Egnatia Odos at Ch. 190+000

PATHE motorway

- Molos –Thermopyles at CH. 10+000
- Ag. Paraskevi – Raches at CH. 35+000

b. Lateral toll stations

E – 65 motorway

- 2 to Anavra I/C at CH. 60+250
- 2 to Trikala I/C at CH. 110+940
- 2 to Kalampaka I/C at CH. 135+450

PATHE motorway

- 2 to Molos I/C at CH. 5+300
- 2 to Thermopyles I/C at CH. 18+200
- 2 to Ag. Paraskevi I/C at CH. 32+200
- 2 to Ag. Marina I/C at CH. 38+500
- 2 to Karavomilos I/C at CH. 46+700

3. 5 Motorist Service Stations (MSS)

- Lianokladi at CH. 12+400
- Ksiniada at CH. 43+200
- Sofades at CH. 69+950
- Trikala at CH. 116+600
- Karpero ~ CH. 164+000

4. 3 Operation & Maintenance Centers **(Maintenance, Fire Brigade and Police Buildings)**

CENTRAL GREECE MOTORWAY (E-65)

- Lianokladi at CH. 12+400
- Sofades at CH. 69+950
- Trikala at CH. 116+000

5. 4 Tunnels

- Tunnel T2 of a length of 2.983 m at CH. 26+800
- Tunnel T3A of a length of 113 m at CH. 45+600
- Tunnel T3 of a length of 387 m at CH. 46+000
- Tunnel O/E of a length of 264 m at CH. 137+000
- Old National Road Tunnel of a length of 65 m at CH. 137+100 on the lateral road
- Tunnel T4N of a length of 300 m at CH. 159+500

6. 27 Bridges > 50 m

- Tunnel of an approximate length of 102 m. at CH. 20+936
- Tunnel of an approximate length of 89 μ (A) και 68 m. (Δ) at CH. 21+513
- Tunnel of an approximate length of 122 m. at CH. 24+025
- Tunnel of an approximate length of 67, 50 m. at CH. 24+700
- Tunnel of an approximate length of 137 m. at CH. 25+365
- Tunnel of an approximate length of 310 m. at CH. 26+475 (A), 241 m. at CH. 26+450 (Δ)
- Tunnel of an approximate length of 92 m. at CH. 31+750
- Tunnel of an approximate length of 70 m. at CH. 48+256
- Tunnel of an approximate length of 160 m. at CH. 49+078
- Tunnel of an approximate length of 295 m. at CH. 51+103
- Tunnel of an approximate length of 150 m. at CH. 54+073
- Tunnel of an approximate length of 150 m. at CH. 55+313
- Tunnel of an approximate length of 51.5 m. at CH. 70+420
- Tunnel of an approximate length of 92 m. at CH. 89+919 (Kalentzis river)
- Tunnel of an approximate length of 587 m. at CH. 103+675 (Pinios river)
- Tunnel of an approximate length of 74 m. at CH. 110+509 (Trikala – Larissa N.R.)

CENTRAL GREECE MOTORWAY (E-65)

- Tunnel of an approximate length of 67 m. at CH. 122+998 (Kalampaka – Larissa N.R.)
- Tunnel of an approximate length of 80 m. at CH. 144+200
- Tunnel of an approximate length of 100 m. (A) and 80 m. (Δ) at CH. 145+500
- Tunnel of an approximate length of 50 m. at CH. 149+065
- Tunnel of an approximate length of 100 m. at CH. 149+895
- Tunnel of an approximate length of 50 m. at CH. 152+511
- Tunnel of an approximate length of 55 m. at CH. 153+910
- Tunnel of an approximate length of 150 m. at CH. 155+420
- Tunnel of an approximate length of 150 m. at CH. 169+385
- Tunnel of an approximate length of 275 m. at CH. 171+935
- Tunnel of an approximate length of 700 m. at CH. 189+695

The Motorway also includes over and under-passes, support walls, drain-pipes, motorist service stations, etc.

The sections of the C.A. Project are divided into sixteen (16) Geographical Units (GU); 11 units on Central Greece Motorway E-65 and 5 units on PATHE motorway. For each Geographical Unit, the physical object is analyzed into Groups of similar operations in the Partial Section Bi Price of Designs - Constructions.

The New State Sections that are already being constructed by the State and that, after their completion, will be incorporated into the Concession Project are as follows:

S/W	SECTION	Km.
12 S/W	Skarfia - Thermopiles section	17,32
13 S/W	Thermopiles - Sperchios section (except for the ERGOSE bridge which is under construction)	8,50
	Bridge under construction by ERGOSE at Thermopiles - Sperchios section	
14 S/W	Sperchios - Ag. Paraskevi I/C	3,50

CENTRAL GREECE MOTORWAY (E-65)

15 S/W	Ag. Paraskevi I/C - Ag. Marina Section	8,50
16 S/W	Ag. Paraskevi Marina - Raches section	19,20
	Technical works at PATHE - Lianokladi section which is under construction by ERGOSE	

The approved optimizations with previous Ministerial Decisions differentiating the technical object of the project are listed in the table below:

Optimization	Optimization Category	Section	Environmental Licensing	Ministerial Decision approving Optimization
Typical Cross-section	Modification	0+000 - end	Pending from 137+500 to the end	8938/30.10.2008
CH. 30	Modification	28+000 - 32+000	Preparing submission	
CH. 48+000 – CH. 56+000	Modification	48+000 - 56+000	Section 52+000 – 56+000 resubmitted Preparing submission for section 47+000 – 52+000	2036/29.11.2010
Relocation of Kalampaka MSS CH. 132+000 to Trikala MSS CH. 117+000	Modification	117+000 & 132+000	Preparing submission	
Loggos semi-junction	New object	105+980	Approved	2036/29.11.2010
Relocation of Trikala frontal toll stations from CH. 108+500 to CH. 105+075	Modification	108+500 & 105+075	Approved	
Lateral road at Ag. Triada frontal toll stations (PATHE) 2.5 km	New object	Ag. Triada frontal toll stations	Approved by EYDE/PATHE	

CENTRAL GREECE MOTORWAY (E-65)

Optimization	Optimization Category	Section	Environmental Licensing	Ministerial Decision approving Optimization
Widening and rehabilitation of local roads (5 km) Rehabilitation of local road Chaidemeni – Raksa	New object	118+000	Approved	
O/P CH. 63+500	New object	63+500	Resubmitted	
O/P CH. 68+500	New object	68+500	Resubmitted	
O/P CH. 93+500	New object	93+500	Approved	
O/P CH. 102+000	New object	102+000	Approved	
Widening U/P 59.1 (Kedros - Anavra) from 10.5m to 13.00m	Modification	59+900	Resubmitted	
Widening U/P G024 (Karditsomagoula – Ag. Triada - Proastio) from 10.5m to 13.00m.	Modification	96+013	Approved	
Changing cross-section width of 4 culverts	Modification	122+190	Approved	A/6/00/01/01/20112 /28.11.2013
		122+280	Approved	
Connecting branch towards Ksiniada I/C	New object	32+000	Preparing submission	
Sofades I/C	Modification	71+600 - 72+200	Resubmitted	
Karditsa I/C	Modification	79+500 - 81+500	Resubmitted	

Variations already approved by Egnatia Odos S.A. due to special technical problems are listed in the table below:

Variation	Variation category	Section	Environmental Licensing	Approval Documentation
Ag. Stefanos (archeological site)	modification	31+000 - 33+800	Submitted	A214567/30.04.2009 (EOA) A208744/09.03.2009 (EOA)

CENTRAL GREECE MOTORWAY (E-65)

Variation	Variation category	Section	Environmental Licensing	Approval Documentation
Ksiniada Lake (Organic soils)	modification	36+400 - 39+400	Submitted	A214567/30.04.2009 (EOSA)
Railway Station "Aggion"	modification	41+100 - 44+400	Submitted	A214567/30.04.2009 (EOSA) A207907/27.02.2009 (EOSA)
Tunnel T3 & T3A	modification	43+000 - 48+000	Submitted	A207907/27.02.2009 (EOSA)

According to the environmental terms of the project, the Central Greece Motorway (E65) is divided in the following three sections:

Section	From CH.	To CH.	A.E.T. Decision*
1 st Section	0+000	85+800	Joint Ministerial Decision A.E.T. 144504/18.11.2005 (YPEKA Gen. Director decision with prot. no. 144504/18.11.2005 JMD A.E.T)
2 nd Section	85+800	137+550	Joint Ministerial Decision A.E.T. 145521/18.11.2005 YPEKA Gen. Director decision with prot. no. 203583/04.12.2012 (JMD A.E.T. amendment 145521/18.11.2005) YPEKA Gen. Director decision with prot. no. 172041/26.11.2013 (Amendment of JMD A.E.T. 145521/18.11.2005)

CENTRAL GREECE MOTORWAY (E-65)

3 rd Section	137+550	175+000	Joint Ministerial Decision A.E.T. 147014/18.11.2005

The above State New Sections, pursuant to the relevant environmental terms, are divided into five sections, as stated below:

Section	FROM CH.	TO CH.	A.E.T. Decision	Description
Skarfia – Thermopiles in Skarfia – Lamia section of PATHE motorway	Skarfia 179+300 (NEW)	Thermopiles 196+750 (NEW)	JMD 146113/12.07.2005	From OSE (Hellenic Railway Corporation S.A.) Bridge – 250m. NW Edge beginning of Thermopiles I/C 17,5km.
			JMD 126696/06.06.2007	Amendment of the JMD 146113/12.07.2005
			122881/08.03.2010 EYPE/YPEKA	Environmental Licensing of Ag. Triada & Molos I/C Toll Stations
“Optimization of the National Road to a PATHE motorway in Skarfia – Lamia section, subsection	Thermopiles I/C 198+300	Nea Kiti of Sperchios River	JMD 131550/04.05.2003	8,8km.

CENTRAL GREECE MOTORWAY (E-65)

Section	FROM CH.	TO CH.	A.E.T. Decision	Description
from the beginning of Thermopiles I/C to Nea Kiti of Sperchios river"			121668/08.02.2010 EYPE/YPEKA	Environmental Licensing of Thermopiles I/C Toll Station
"Optimization of the National Road to a PATHE motorway, section from Nea Kiti of Sperchios river to Roditsa I/C"	Nea Kiti of Sperchios River	Roditsa I/C	JMD 146109/30.09.2005	3,78km. From 130m. before the axis of the New Kiti of Sperchios River up to the East of Roditsa village
"Optimization of Athens – Thessaloniki National Road in PATHE motorway, Lamia – Raches section, subsection from CH. 3+500 to CH. 12+000"	3+500	12+000	JMD 130665/02.05.2003	8,5km. From 211+000
			JMD 195214/11.01.2011	Amendment of 130665/02.05.2003
"Overall Bypass at Stylida – Karavomilos"	12+000	31+500	JMD 100198/30.05.2006	19,50km. From New National Road to the western edge of RACHES I/C
			121667/08.02.2010 EYPE/YPEKA	Environmental Licensing of Ag. Marina I/C - Stylida I/C & Stylida I/C & Karavomilos Toll Stations

2. GENERAL ISSUES

2.1 BRIEF REPORT

On 25.02.2013 the Independent Engineer informed that from February 13, 2013 the new name of the I.E. Consortium is J/V URS Infrastructure & Environment UK Limited - OMEK SA, CENTRAL GREECE. There is no change in the structure or the function of the I.E. Consortium and there is no need to renew the existing agreements. For this reason all agreements and obligations of the consortium remain unaffected.

This monthly report covers the period from January 01, 2013 to December 31, 2013, following the “Concession Agreement Amendment Effective Date” of the project which was fixed as the 20th of December 2013. The amended Concession Agreement was signed on 28.11.2013 and ratified by the Hellenic Parliament under Law 4219/2013 – OGG A’ 269 of December 11, 2013.

The amended Concession Agreement and the amended Design – Construction Contract of the project provides for the division of the technical object of the Project in two periods:

A. The first period is the “T1 Design – Construction Period” which includes:

As regards the Second Exclusive Partial Deadline:

1. Safety works of the opened up section of the twin T2 tunnel (CH. 27+000) – CH. 30+000)
2. The construction of the frontal toll stations of Mavromantila in PATHE section of the project
3. The preliminary studies for Grevena I/C – Egnatia I/C motorway section
4. The construction works of the motorist service stations (a) in the area of Ag. Triada (2,54 km) and (b) in the areas of SRD6 and SRD6A of Karditsa
5. The construction works of Ag. Triada toll station (PATHE)

At the end of T1 Period:

6. The construction of the motorway section from Ksiniada I/C (CH. 32+270) to Trikala I/C (CH. 110+940).



CENTRAL GREECE MOTORWAY (E-65)

B. The second period is the “T2 Design – Construction Period” the commencement of which will be determined by ministerial decision and will include part or the total of the sections below:

1. The motorway section from PATHE semi-junction (CH. 0+000) to Ksiniada I/C (CH. 32+270)
2. The motorway section from Trikala I/C (CH. 110+940) to Grevena I/C (CH. 143+390)
3. The motorway section from Grevena I/C (CH. 143+390) to Egnatia I/C (CH. 190+500)

Since the effective date of the amended Concession Agreement and the Design – Construction Contract of the project dated 20/12/2013, the Construction J/V of “Central Greece motorway E65” changed its composition and hereinafter it is consisted by TERNA S.A. and TERNA-ENERGY S.A.

The J/V restarted the project construction works. The first forth months consist of the recommencement, restructuring and recovering period of the worksites, submission of designs, land registries and applications for licensing of the approved optimizations, occupation of sites given during the works suspension period and the recovery period of the already constructed sections integrated in the amended object of the T1 Design – Construction Period.

2.1.1 Outstanding Issues

- a. On September 2011, the Construction J/V of the project submitted the Global Position Statement on various problems in the up-to-date implementation of the project. On 25.04.2012 via letter PRO15082 and 30.04.2012 via letter PRO15094, the J/V submitted the final documentation as regards the claims to the Concessionaire and the State respectively.
- b. The 2nd EPD was not achieved due to serious delays in the delivery of land. On 11.10.2010, the Technical Dispute Resolution Committee decided that this time extension should be of 10-months, i.e. 31.10.2011. On 14.12.2010, the J/V, via CC/X/CO/GE000/PRO1662/GM/kv letter, informed the Concessionaire that there are still delay events relating to the 2nd EPD and therefore the above extension shall not be achieved and a further extension was requested. On 09.02.2011, EGNATIA ODOS S.A. approved a six-month extension. EGNATIA ODOS S.A. and the Concessionaire informed the Independent Engineer to defer the opinion as both parties shall attempt to find a consensual resolution of the subject. After application for suspension of the JMD AET no. 147014/18.11.2005 (CH. 137+550 – CH. 175+000) submitted to the Council of State by three (3) local clubs and 2 OTA of the broader region, the President of the Fifth Chamber of the Council of State has issued a Temporary Order to suspend execution of the said JMD until the issue of the Suspension Committee decision on the pending application for suspension, which was postponed from 16.11.2011 to 09.05.2012. All construction works of the J/V in this section have been suspended from 02.07.2010. Given the aforementioned and the serious delays in the delivery of land, the third EPD was not reached on 30.12.2011 and the J/V requested time extension via letter 14805/14-12-2011 and also communicated its right for extension and compensation in accordance with Article 30.1 of the Design-Construction Agreement.
On 13.01.2012, via letter A315297, EGNATIA S.A. announced an extension for both the 2nd and 3rd EPD until 29.02.2012 in order for the parties to continue the negotiations and restart the operations. The J/V, via letter PRO14917/1-2-12, and the Concessionaire, via letter 12329/17-

CENTRAL GREECE MOTORWAY (E-65)

- 2-12, made clear that, although the extension covers contractually this period of negotiations, is in any case irrelevant to the requested extensions of both EPDs, given that the delay events remain valid until today. On 02.03.2012 EGNATIA S.A. announced a new extension for both the 2nd and 3rd EPD until 29.05.2012 based on the aforementioned rationale for the continuation of the negotiations. Then EGNATIA S.A. announced new extension until 30.08.2012 (letter a328839/30-5-12). Currently EGNATIA S.A. announced new further extension until 30.11.2012 (letter A3334062/3-8-12) for both (2) EPDs.
- c. On 25.01.2011, J/V informed the Concessionaire on its decision to exercise the right of the works suspension. After 14.02.2011 only activities settling outstanding works as well as safety and fencing works of constructed parts of the project occurred.
 - d. The J/V has not received the approved Certifications 11 to 22 (Works of April, May, June, July, August, September, October, November & December 2010, January, February and March 2011), totalling in the unpaid amount of 141.875.196,76 € including VAT and advance payment amortisation (see chapter 10), creating a serious problem of financing and influencing clearly the pace of construction which led to the suspension of the works.
 - e. The revised delivery deadlines of 12NΔ-13NΔ-14NΔ-15NΔ-16NΔ State's New Sections, i.e. 25.06.2009, 10.09.2009, 28.06.2010 & 28.06.2011 respectively, have not been achieved (only the area for the construction of the toll stations on Thermopiles I/C was delivered via Sites Disposal Protocol XL CC.A.CC.4401/3.2.2010). Section CH. 9+630 – CH. 10+385 for the construction of Agia Triada and Molos toll stations were delivered via 07.07.2009 Protocol VII; Molos lateral toll stations could not be completed due to additional pending expropriation)
 - f. There was a significant works disruption along the Motorway due to non-delivery of reserved areas where archaeological findings were identified. (see 1.1.3)
 - g. With respect to the Public Utility Networks, so far the whole process on GE 1N.2, 4N, 5N, 6N, 7N, 8N & 9N has been delayed.
 - h. The contractual deadline for delivery of the private lands 31.03.2009 has not been achieved. Furthermore, the public lands of the project have been officially delivered to the J/V on 28.05.2009 (Protocol I) instead of 30.04.2008 (Design-Construction Agreement) although the ownership of some sections is not clear. As regards the private lands through the

CENTRAL GREECE MOTORWAY (E-65)

- requisition process, until the reference date (25.09.2012), the following sections have been delivered officially to the J/V, whereas no section has been delivered to the J/V after 18.05.2011 (through Protocol 53) and until 23.04.2012, whereupon LVIII - LXII the protocols have been delivered. Four (4) more protocols have been delivered afterwards.
- i. Also, it has to be mentioned that the required sites of the JMD 2036/29.11.2010 approved amendments have not been delivered.
 - j. The J/V has submitted its updated claims to the Concessionaire on 14.12.2012 with letter no. 15466, within the agreed negotiating framework with the State to reach an agreement to restart the project.
 - k. On March 15, 2013 (prot. no. J/V CC.X. OR. GE000.PRO15576 20.03.13) signed the agreement on the Contractor's Past Claims by both parties (State – Concessionaire - Constructor).
 - l. On November 28, 2013, the revised Design – Construction Agreement of the Project between the Concessionaire and the Constructor as well as the supplementary agreement of the Constructor's Past Claims, by the contracting parties (State – Concessionaire – Constructor), which are going to be implemented on the Restart Date of the Project.

In many cases the received sections are not continuous including non-expropriated parcels and do not allow the occupation of land across the width of the expropriated zone in sufficient length with obvious implications in the construction.

2.1.2 Report period

At the reporting date of this report (31.12.2013) the main issues of the involved with the Public Utility Networks work are the following:

➤ **PPC:**

GU 1N.1: The low-voltage and medium-voltage networks in the area where the sections AB1 & AB2 are crossing the Old National Road have been relocated.

GU 1N.2: The relocation works of High Voltage in Lianokladi MSS remain stopped. The local Service of PPC has not responded so far on the relocation of networks along the axis (CH. 12+040, CH. 12+500) since EGNATIA has not proceeded with the relevant payment. However, the PPC has started the network

CENTRAL GREECE MOTORWAY (E-65)

power relocation works in CH. 9+500 in the main artery of E-65 but the quality of the restoration works is not acceptable, since the embankment works of the motorway in this CH. have been completed; hence the PPC subcontractors carried out excavations on our embankments in order to create underground passages. Finally, the issue of power cut and relocation of drilling (CH. 11+700) remains, while impeding the embankments construction. The relocation of the electricity grid from the vertical road to Kompotades in CH. 12+831 is completed. Also, OSE optical fibers in TE47 1 structure in Karpenissi I/C branch 1 impede the construction of the A1 abutment and thus the completion of branch 1 for the linking of E65 with the existing National Road.

All the above pending problems have created continuous delays resulting to the failure even of the approved extension for completion (up to 31.01.2011) and thus a new extension has been requested.

GU 5N, 6N.1: There are delays due to non-timely networks relocation. The relocation of PPC network in the area of Karditsa I/C has not been completed in CH. 89+350.

GU 6N.2: All Public Utilities Networks within the expropriation zone of the project have been localized and all necessary arrangements for their relocation have been made.

GU 7N.1: All Public Utilities Networks within the expropriation zone of the project have been localized and all necessary arrangements for their relocation have been made.

GU 7N.2 & 8N: The relocation cost of PPC network from EGNATIA S.A. has been paid. Relocations are in progress.

GU 9N: The network design and relocation in the area of Kalampaka I/C is still pending.

GU 10N: Contacts with PPC and additional information and clarifications provision in order for the relevant relocation design to be made.

PATHE/GU 12S/W: No relocation of PPC network in CH. 10+270 and 12+160 SRD1 (Responsibility of EYDE PATHE TKE Lamia).

PATHE/GU 15S/W: The relocation of PPC network in DSR3 (Mavromantila Toll Station) has not been completed.

CENTRAL GREECE MOTORWAY (E-65)

➤ Hellenic Organization of Telecommunications (OTE):

PATHE: Horizontal alignments have been submitted to all the organizations of telecommunications for possible underground networks and their relocation. WIND & COSMOTE companies have been answered negatively so far. The air network from 12+300 to 12+500 (SRD1) has not been relocated.

➤ Local Organization For Land Improvement (TOEB)

GU 8N & 9N: The relocation works of Theopetra TOEB and Vassiliki TOEB networks have started. Contacts with YEB of Trikala for the acceleration of the design regarding the relocation of Raksa irrigation system (110+550 – 115+600).

➤ Water supply - Drainage

GU 1N.2: The Municipal Water Supply and Sewerage Company of Lamia (DEYAL) has not yet relocated part of the water supply pipeline to the area of TE40 (km 9+300 – 9+400) overpass which affects the construction of the embankments in the area.

➤ Military fuel pipeline in CH. 111+950 and 122+990:

GU 8N: GEA submitted the safety standards of the fuel pipeline, and details on the relocation of the pipeline on 26.06.2010. In Vassiliki I/C (CH. 122+800) where, - according to the instructions of GEA - changing of the route of the pipeline will be demanded, a technical solution along with the design of the junction is under consideration.

- b. The preparation and submission of the designs is progressing.
- c. The procedure for obtaining authorization for quarries, disposal sites, equipment and borrow pits for the requirements of the project is progressing. The requests for the authorizations have already been sent to the competent services (see 8.3). Moreover, up today, five (5) of those have been approved in their entirety (Kalamaki, Geladaria, Onohonas, Potamos, Faloria, Kioskia/Anavra), while several areas are rejected by the involved Archeological Services & Forestries. More specifically, as for the area of Lamia, the relevant STIS for borrow pits has been submitted at the beginning of March 2009 and has been approved on 11/08/09 (expiry of 5 months), having obtained the final completed approval (including the leasing of premises) only for one (1) in Kalamaki, so that

CENTRAL GREECE MOTORWAY (E-65)

- the thus the construction of the embankments to be in a serious situation. The whole subject is crucial.
- d. The relevant Works Completion Certificate for the toll station in Thermopyles has been issued. As regards the toll stations of Molos I/C, although a traffic regulations study has been prepared and applied, due to lack of necessary expropriated space in branch (1), the IE did not issue the IE did not issue the Works Completion Certificate.
 - e. The implementation of the Environmental Operating System of the Project continues as usual.
 - f. The revision of the Environmental Management System of the Project is under development.

2.1.3 Problems and possible risks

- Delays due to the delayed relocation of Public Utility Organizations at GU 1N.2, 5N, 6N, 7N, 8N, 9N.
- Delays due to the lack or rejection of the appropriate borrow pits/quarries, as up to now a number of such sites have been rejected by the Archaeological & Forest Services. Delays were also due to the delay of the competent Service to reply to our submissions. For example, up to now, only one (Kalamaki Vryssi) of the four (4) borrow pits to be approved in the area of Lamia has received a permit on April 2010 – thirteen (13) months following the relevant request which seriously affected the progress of the embankments at GU 1N.
- Specific regulations regarding the design of KO34 area (CH.108+450) are still pending on behalf of EGNATIA S.A., given that the study of the basic design has been basically annulled since the relevant land and property register has been withdrawn.
- The tree-felling in the 139+000 ~ 139+200 region (abandoned military camp) is pending due to objections on behalf of the military unit.
- Delay in the entire completion of the toll station at Molos I/C due to the additional expropriation, although the toll stations have been delivered

CENTRAL GREECE MOTORWAY (E-65)

with appropriate traffic regulations. Non-delivery of land for the construction of Ag. Marina & Karavomilos toll stations.

- Delay due to the existence of worksite installations by third parties within the range of works occupancy (Agia Triada Toll Stations) at the section 12NΔ thus creating serious problems for the works until the sites are completely free. Furthermore, there is a delay in the construction of the ITS network at Roditsa I/C (14NΔ) due to the incomplete works at PATHE.
- Delays in the construction of tolls in G.U. 15S/W due to non-expropriations in the construction sites of Mavromantila and Ag. Paraskevi tolls. Possible delays in the progress of the works of SRD1 due to non-relocation of PPC network in CH. 10+270 and 12+160.

2.2 ENVIRONMENTAL REQUIREMENTS

The design, construction and operation of the project are conducted in full compliance with the Approved Environmental Terms as well as with all the requirements that derive from the Concession Agreement (C.A) and the attached contractual documents (Design & Construction Agreement, Special Conditions of Contract, Technical Conditions of Contract, Project Design Regulation) as well as the applicable legislation.

Basic requirement for the construction of the project is the Law no. 3597/20.07.2007 (OGG 3445A/25.07.2007), as amended by Law 4219/2013 concerning the ratification of the Agreements Amending the Concession Agreements of major road projects and the regulation of all related matters (OGG 269A/11.12.2013), which includes the contractual issues, the current legislation, as detailed in the previous Environmental Management Reports (semi-annual and annual ones), as well as the conditions and restrictions arising from the individual permits and approvals, including the environmental studies of the various individual projects, the approvals of amendments of the main road project, etc., for which the contractor of the Project is responsible.

CENTRAL GREECE MOTORWAY (E-65)

Finally, it is noted that in 2013 the progress in the legislative work of YPEKA continues, as regards the Environmental Legislation. It is significant that the way of projects' environmental license and activities as well as the environmental control system have been reset (Law 4014/2011 - OGG 209A/21.09.2011). The new legislative framework aims to provide effective protection of the environment while reducing the time required to process and the number of projects requiring environmental authorization so that the EU average to be approached. Moreover, it develops a "red line" on illegal construction so as to be effectively combated in the future and the environmental balance in the existing exceedances that can and should be addressed, to be restored.

The validity of that law is implemented by the Ministerial Decision 1958/13.01.2012 of YPEKA (OGG 21V/13.01.2012) "*Classification of public and private projects and activities into categories and subcategories according to Article 1, paragraph 4 of Law 4014/21.09.2011 (OGG A' 209/2011)*"

The 2013 legislative work of YPEKA is set out in the table below.

Table 2.2-1: YPEKA legislative work A' semester 2013

Date	Number	Subject
<u>LAWS & PRESIDENTIAL DECREES</u>		
13.06.2013	P.D. 114/2013 (OGG147/A'/17.6.2012)	To limit the use of certain hazardous substances in electrical and electronic equipment in compliance with Directive 2011/65/EU of the European Parliament and the Council
<u>DECISIONS & CIRCULARS</u>		
04.12.2013	M.D. with prot. no.: 65150/1780 (OGG	Replacement of Annex VII of the M.D. 1958/2012 "Classification of public and private projects and activities into categories and subcategories pursuant to

CENTRAL GREECE MOTORWAY (E-65)

Date	Number	Subject
	3089/B'/4.12.2013)	Article 1, paragraph of Law 4014/21.09.2011 (OGG A' 209/2011)" (B' 21), as in force.
03.12.2013	Circular with prot. no. 191645	Clarifications for the disposal of liquid waste into surface water bodies after adoption of Law 4042/2012
25.09.2013	Decision no. 52983/1952 (OGG 2436B/2013)	Specifications of the Special Ecological Assessment for projects and activities of B' category of Article 10 of Law 4014/2011 (OGG A' 209) "Environmental licensing of projects and activities, settlement of illegal buildings in relation to creating environmental balance and other provisions falling within the competence of the Ministry of Environment, Energy and Climate Change".
24.07.2013	Circular with prot. no. οικ.190802	Licensing procedures for the existing water use rights, the water licenses and the implementation of new projects - water resources development
15.04.2013	Decision no. 167563/EYPE (OGG 964B/13)	Specialized procedures and specific criteria of environmental licensing of projects and activities of Articles 3, 4, 5, 6 and 7 of Law 4014/2011, pursuant to those set out in Article 2, paragraph 13 therein, of the specific forms of the above procedures, and any other subject relevant to these procedures
02.05.2013	PD 1958/12 Decision no. 36060/1155/E.103 (OGG 1450/B'/14.06.2013)	Establishment of a framework of rules, measures and procedures for the integrated prevention and control of the environmental pollution from industrial activities, in conformity with the provisions of Directive 2010/75/EU "on industrial emissions (integrated pollution prevention and control)" of the European Parliament and the Council of November 24, 2010.
25.04.2013	Decision with no. Η.Π. 26910/852/E 103 (OGG 1021/B/25.04.2013)	Amendment of JMD no. 54409/2632/2004 "Trading system for greenhouse gas emissions in compliance with the provisions of Directive 2003/87/EC etc." (B' 1931), as applicable, in compliance with the provisions of Directive 2009/29/EC "amending Directive 2003/87/EC so as to improve and extend trading scheme for greenhouse gas emission community" of the

CENTRAL GREECE MOTORWAY (E-65)



Date	Number	Subject
		European Parliament and the Council of April 23, 2009.
19.04.2013	Decision no. oik. 167563/EYPE	Specialized procedures and specific criteria on environmental licensing of the projects and activities of Articles 3, 4, 5, 6 and 7 of Law 4014/2011, as set out in Article 2 paragraph 13 thereof, of the specific forms of the above procedures, and any other matter relating to the proceedings of this subject.
24.01.2013	Decision no. 3791	Standard Environmental Commitments (SEC) for renewable energy projects classified in Category B' of the 10 th Group "Renewable Energy Sources" of Annex X no. 1958/2012 (B' 21) Ministerial Decision, with s/n 1, 2, 8 and 9
25.02.2013	MD oik. 166476 (OGG B' 595/14.03.2013)	Modification of no. 1958/13.1.2012 (OGG 21/B) of the Minister of Environment, Energy & Climate Change "Classification of public and private projects and activities into categories and subcategories in accordance with Article 1§4 of the Law 4014/21.9.11 (OGG 209/a)", as amended by Decision No. 20741/8.5.2012 (OGG 1565/B)
12.04.2013	Circular with prot. no. oik. 24040/2590/2013 (OGG --/12/04.2013)	Implementation of the legislation on the cross-border transport of non-hazardous waste
25.02.2013	M.D. oik. 166476 (OGG B' 595/14.3.2013)	Amendment of Environmental Energy & Climate Change Minister no. 1958/13.1.2012 (OGG 21/B) "Classification of public and private projects and activities into categories and subcategories in accordance with Article 1§4 of Law 4014/21.9.11 (OGG 209/A)", as amended by Decision No. 20741/8.5.2012 (OGG 1565/B)
24.01.2013	Decision no. 3791	Standard Environmental Commitments for Renewable Energy Projects classified in Category B of Group 10 "Renewable Energy" of Annex X of No. 1958/2012 (B' 21) Ministerial Decision, with s/n 1, 2, 8 and 9

CENTRAL GREECE MOTORWAY (E-65)

3. ENVIRONMENTAL MANAGEMENT OF THE PROJECT

3.1 ENVIRONMENTAL MONITORING & CONTROL PROGRAM

The “Environmental Monitoring & Control Program” is based on the environmental terms of the project and on the Concession Agreement and includes the following:

- Prioritisation of protective actions - measures that should be taken by the Constructional J/V according to the Environmental Terms and other contractual obligations.
- The designs, studies and technical reports that should be drawn up in the framework of construction and operation of the project and that involve several environmental issues.
- The implementation control process of the terms and actions by the competent authorities.

The purpose of the Environmental Monitoring & Control Program is to clearly determine the actions and measures required for the environmental management of the construction phase of the project and that derive from recording and assessing the environmental terms, other obligations or guidelines arising from the contractual documents and the applicable legislation.

The Environmental Monitoring & Control Program is currently at the submission phase to EYPE/YPEXODE.

3.2 ENVIRONMENTAL MANAGEMENT SYSTEM – ENVIRONMENTAL TERMS COMPLIANCE CHECKLISTS

The “Environmental Terms Compliance Checklists” are drawn up based on the Environmental Monitoring & Control Program and the Environmental Management System. These checklists include the way and methodology of required actions in order to ensure the implementation of the Environmental Terms.

The responsible department for the environment in cooperation with the project engineers carry out regular inspections and complete the checklists by applying the "Environmental Monitoring & Control Program". Furthermore, they provide the necessary orders or guidelines that are based on the Environmental Monitoring & Control Program for every issue related to the environment.

The Environmental Management System, which is applied by the J/V, has been drawn up taking into consideration the requirements of ISO 14001:2004. It consists of the Manual, the Procedures, the Guidelines of the Works related to the environment and the observance of the project's environmental requirements. The manual, the procedures and the guidelines for environmental management is applied uniformly throughout the project and are currently in continuous progress in order to meet the project's needs.

3.3 MONTHLY, SEMI-ANNUAL AND ANNUAL PROGRESS REPORT FOR THE IMPLEMENTATION OF ENVIRONMENTAL TERMS

At the same time, in order to monitor the Program and inform the Environmental Department of the Independent Engineer on a monthly basis, the Environmental Department of the J/V draws up monthly and annual progress reports for the implementation of the environmental terms in the form of a table. These monthly reports include:



CENTRAL GREECE MOTORWAY (E-65)

- Works or designs carried out regarding the implementation of the Environmental Terms and all possible variations on the Environmental Monitoring & Control Program.
- The relevant actions of the persons responsible (inspections, special reports, etc.).
- A full photographic presentation of the environmental issues

In July of each year, a semi-annual progress report is being drawn up with respect to the implementation of the Environmental Terms in accordance with article 11.2.2., case (ii) of the Concession Agreement.

In January of each year, an annual progress report is being drawn up, pursuant to article 11.2.2 (iii) of the Concession Agreement, which includes the annual review of all issues described in the periodical reports.

CENTRAL GREECE MOTORWAY (E-65)

4. ENVIRONMENTAL ISSUES PROGRESS – WORKS CONSTRUCTION

The progress of the construction works is submitted by the joint venture Central Greece Motorway E65 to the Concessionaire via monthly reports of progress.

The above paragraphs constitute the documentation for the compliance of the environmental commitments regarding the construction works progress.

4.1 PERMITS - DESIGNS - APPROVALS

This section presents all requests submitted by the Constructional Joint Venture in order to obtain permits in the framework of the project's implementation. Furthermore, the relevant designs that arise from the obligation to observe the contractual requirements and environmental terms of the project are presented.

4.1.1 Permits and approvals in accordance with the environmental terms of the project.

In the context of observing the environmental terms and other requirements based on the applicable legislation, relevant studies on the environmental licensing of the ancillary works are being prepared and submitted for approval and permit. The competent authority for the environmental studies is EYPE/YPEKA.

The following table (table 4.1.1-1) presents all relevant information on the submissions conducted to EYPE/YPEKA.

Table 4.1.1-1
Studies for the environmental permit of ancillary works

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission-rejection, etc.)
1.	STIS. MATERIAL WITHDRAWAL FROM ONOHONO RIVER (BP5N1)	Municipality of Sofades, Prefecture of Karditsa	141388/25-6-2009	141388/04.08.2009	STIS approval
2.	STIS. BORROW PIT AT AGIA PARASKEVI, "KALAMAKI BR" (BP1N3)	Agia Paraskevi, Municipality of Lamia, Prefecture of Fthiotida	136998/05.03.2009	136998/28.07.2009	STIS approval
3.	STIS. WORKSITE AT LAMIA IN "AG. TRIFONAS" POSITION (MSS CH. 12+000) (IS1N1)	Stavros, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	136998/28.07.2009	STIS approval
4.	STIS. BORROW PIT / DISPOSAL SITE "Pyrgaki – Kofina" (BP/DS1N1)	Stavros, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	136998/28.07.2009	STIS approval The Regional Forest Service Directorate does not approve the intervention permit
5.	STIS. BORROW PIT "Platana - Rema" (BP1N2)	Lygaria, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	136998/28.07.2009	STIS approval
6.	STIS. BORROW PIT IN "MAGOUULA" POSITION AT SPERHIOS RIVER (BP1N4)	Among Municipality of Ypati and Lianokladi, Prefecture of Fthiotida	136998/05.03.2009	136998/28.07.2009	The position has been rejected by STIS
7.	STIS. BORROW PIT IN "ASPROKAMPOS" POSITION AT GERAKARIS STREAM (BP1N5)	Kompotades, Municipality of Ypati, Prefecture of Fthiotida.	136998/05.03.2009	136998/28.07.2009	STIS approval The location has been rejected by the Hellenic Public Real Estate Corporation (HPREC)
8.	STIS. BORROW PIT AT "AERODROMIO" AREA (BP6N1)	Kefalovryssos, Municipality of Falaria, Prefecture of Trikala	140546/04.06.2009	140546/29.07.2009	STIS approval
9.	STIS Review Borrow Pit "AERODROMIO"	Kefalovryssos, Municipality of Falaria, Prefecture of Trikala	148761/18.12.2009	121188/29.01.2010	Approval of the revised STIS

CENTRAL GREECE MOTORWAY (E-65)

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission-rejection, etc.)
	(BP6N1)				
10.	STIS. Borrow Pit "Kioskia" (BP4N1)	Municipality of Tamassi, Prefecture of Karditsa, Anavra	143395/10-08-2009	143395/02-09-2009	STIS approval
11.	STIS. Borrow Pit "Geladaria" (BP4N2)	Municipality of Tamassi, Prefecture of Karditsa, Anavra	145522/16-10-2009	145522/17-11-2009	STIS approval
12.	STIS. Anavra Worksite "Kedrakos" position (IS5N1)	Municipality of Tamassi, Prefecture of Karditsa, Anavra	143394/10-08-2009	143394/02-09-2009	STIS approval
13.	STIS. Agios Georgios Worksite "Voulgarolakka" position	Municipality of Kampos, Agios Theodoros, Prefecture of Karditsa	143394/10-08-2009	143394/02-09-2009	STIS approval
14.	STIS. "GKOLNA" Worksite (BP5N4)	Municipality of Goriani, Prefecture of Grevena	121768/10-02-2010	----	The design was returned because of the decision of the Council of State for temporary suspension of the works in the 3rd JMD.
15.	STIS. Borrow Pit in "Mavrogies" position (BP5N4)	Sikeona, Municipality of Filo, Prefecture of Karditsa	121768/10-2-2010	14693/ 10.11.2011	STIS approval
			Resubmission 14076/16.06.2011 (J/V No.)		
16.	STIS. Borrow Pit in "Vrontaria" Position (BP6N2)	Fiki, Municipality of Pitalia, Prefecture of Trikala	124501/ 21.04.2010	127798/08.07.2010	STIS approval
17.	STIS. Stone processing installation in the quarry materials – borrow pit in "Pyrgaki" Position (IS1N2)	Stavros, Municipality of Lamia, Prefecture of Fthiotida	144259/11.09.2009	144259/17.11.2009	STIS approval
18.	STIS. Stone processing installation in the quarry materials – borrow pit in "Kalamaki Vr." Position (IS1N3)	Agia Paraskevi, Municipality of Lamia, Prefecture of Fthiotida	144259/11.09.2009	144259/17.11.2009	STIS approval
19.	Stone processing installation in the worksite facilities of	Stavros, Municipality of Lamia, Prefecture of	144259/11.09.2009	144259/17.11.2009	STIS approval

CENTRAL GREECE MOTORWAY (E-65)

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission-rejection, etc.)
	Lamia (IS1N4)	Fthiotida			
20.	STIS. Washing of aggregates with a sieve in the sand borrow pit in Gerakaris r. (IS1N5)	Kompotades, Municipality of Ypati, Prefecture of Fthiotida	144259/11.09.2009	144259/17.11.2009	Rejected due to refusal of the lease application by the Mortgage Service of Prefecture of Fthiotida
21.	STIS. Worksite in Kalampaka MSS position (CH. 132+000) (IS9N1)	Municipality of Kalampaka, Prefecture of Trikala	125561/17.05.2010	199070/09.05.2011	Rejected by EYPE due to location within Natura 2000 area
22.	STIS. Worksite in "Lampes" position (IS6N1)	Proastio, Municipality of Selana, Prefecture of Karditsa	126671/11.06.2010	195831/31.01.2011	STIS Approval
23.	STIS. Worksite in "Samolaka" position (IS2N1)	Styrfaka, Municipality of Lianokladi, Prefecture of Fthiotida	126332/04.06.2010	127799/08.07.2010	STIS Approval
24.	STIS. Borrow Pit "Ammoudes" (BP5N5)	Filia, Municipality of Sofades, Prefecture of Karditsa	128447/27.07.2010 (J/V prot. no.)	132626/ 22.11.2010	STIS approval
25.	STIS. Borrow Pit "Haliades" (BP5N6)	Filia, Municipality of Sofades, Prefecture of Karditsa	128805/04.08.2010 (J/V prot. no.)	132626/ 22.11.2010	STIS approval
26.	STIS. Worksite of Perivoli (IS3N1)	Perivoli, Municipality of Ksiniada, Prefecture of Fthiotida	9575/06.08.2010 (J/V prot. no.)		Expected to be approved
27.	STIS. Worksite (IS2N3) in "Ohio" position (T2 tunnel exit area)	Moshokaria, Municipality of Lianokladi, Prefecture of Fthiotida	128699/09.09.2010 (J/V prot. no.)	201981/01.08.2011	Approval
28.	STIS. Temporary deposit in "Fteres" position (DS2N1)	Moshokaria, Municipality of Lianokladi, Prefecture of Fthiotida	128699/ 09.08.2010 (J/V prot. no.)	201981/01.08.2011	Rejected
29.	STIS. Plant of asphalt production and 3A material mixer	Anavra, Municipality of Tamassi, Prefecture of Karditsa	128343/ 23.07.2010 (J/V decision no.)	201980/ 01.08.2011	STIS Approval

CENTRAL GREECE MOTORWAY (E-65)

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission-rejection, etc.)
30.	Environmental Impact Pre-study. Environmental licensing of drilling wells under the project "Landscape Planting - Irrigation and Rehabilitation for the CH. 56+000 – CH. 90+000 of the Central Greece Motorway (E65)".	CH. 56+000 – CH. 90+000	13323/01.04.2011 (J/V decision no.)		Submission of Environmental Impacts Pre-study Expected to be approved
31.	STIS. Materials store and 2 units of asphalt production in "Sykia" position (IS1N7)	Koma, Municipality of Lamia, Prefecture of Fthiotida	201026/ 06.07.2011	---	Expected to be approved
32.	STIS/ EIS. Borrow pit in "Fournia" position (BP342)	Makryrachi, Municipality of Ksiniada, Prefecture of Fthiotida	204542/ 27.10.2011 STIS submission 15481/21.12.2012 (J/V prot. no.) EIS submission		EYPE/YPEKA has returned the STISs with prot. no. 299814/20.07.2012 and asked for the submission of EIS in accordance with Law 4014/2011. Expected to be approved
33.	STIS. Lateral Toll Station in CH. 60+200	Anavra, Municipality of Sofades, Prefecture of Karditsa	204541/ 27.10.2011	---	Concessionaire's claim to our J/V for the review of the horizontal alignments and compliance with Design-Construction Agreement of the project, so as to promote environmental licensing (protocol No. 15046/06.04.2012)
34.	STIS. Operation and Maintenance Centre in CH. 69+700	Municipality of Sofades, Prefecture of Karditsa	204544/ 27.10.2011	---	Expected to be approved
35.	STIS. Frontal Toll Station and station's administration building in CH. 65+650	Municipality of Sofades, Prefecture of Karditsa	204543/ 27.10.2011	---	Expected to be approved

CENTRAL GREECE MOTORWAY (E-65)

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission-rejection, etc.)
36.	STIS/EIS. Borrow pit in Agios Stefanos position (BP345)	Agios Stefanos, Municipality of Ksiniada, Prefecture of Fthiotida	204863/ 08.11.2011 STIS submission 15482/21.12.2012 (J/V prot. no.) EIS submission	---	EYPE/YPEKA has returned the STISs with prot. no. 200811/20.07.2011 and asked for the submission of EIS according to Law 4014/2011. Expected to be approved

Within the second semester of 2014, additional relevant designs or even design reviews for environmental permitting of ancillary works such as disposal sites, worksites, borrow pits, etc. are expected to be submitted in order to receive environmental permit.

Moreover, in line with the environmental terms of the project, all the respective permits and opinions are obtained by the competent authorities, such as Forest Services, Archaeological Services, Prefectural Administration Services, etc.

The Constructional Joint Venture submits the required requests to obtain relevant permits. The main competent services involved in the project are the following:

- Forest Service of Lamia
- Forest Service of Karditsa
- Forest Service of Trikala
- Forest Service of Kalampaka
- Forest Directorate of Grevena
- ΙΔ Service of Prehistorical and Classical Antiquities
- ΛΔ Service of Prehistorical and Classical Antiquities
- Α Service of Prehistorical and Classical Antiquities
- 19th Service of Byzantine Antiquities
- 24th Service of Byzantine Antiquities
- 17th Service of Byzantine Antiquities
- Regional Section of Fthiotida

CENTRAL GREECE MOTORWAY (E-65)

- Regional Section of Karditsa
- Regional Section of Trikala
- Regional Section of Grevena
- etc.

The relevant correspondence is presented below

1. On 15.01.2013, the Central Archaeological Council to discuss the issue “Discovered antiquities: a) at “Magoula Potistikon Stavrou”, Stavros, Municipality of Lamia, Fthiotida Prefecture, CH. 14+300 – 14+540 of the 24th Ephorate of Byzantine Antiquities and b) at “Magoula Potistikon Stavrou”, Stavros, Municipality of Lamia, Fthiotida Prefecture, CH. 14+510 – 14+540 of the ID’ Ephory of Prehistoric and Classical Antiquities, within the framework of the Central Greece Motorway E65” project, decided the non-preservation of the graves and the implementation of the study without amendment and the delivery of the site for the continuation of the construction works (15.01.2013).
2. On 22.01.2013, the Archaeological Council to discuss the issue “Discovered antiquities at Grinitza, Community of Paliokastro, Municipality of Trikkaia, Prefecture of Trikala, at CH. 113+340 – 113+440 of ΑΔ Ephory of Prehistoric and Classical Antiquities, within the framework of Central Greece Motorway E65” decided the burial of the ancient remains and the delivery of the site for the continuation of the construction works (22.01.2013).
3. The Concessionaire via letter with prot. no. CC.Z.CC.13547/28.01.2013 informed us that EYDE/D-C A & IO CP via letter with prot. no. A/6/00/0824/17728/21.01.2013 transmitted the two additional copies (prot. no. J/V 15414/08.11.2012) of the Environmental Report for the modification of Lamia – Makrihori section (CH. 0+000 – CH. 14+500) to YPEKA/EYPE (prot. no. 15516/31.01.2013)
4. Return of the Technical Study on Exploitation of the borrow pit at “Chaliades”, Municipality of Sofades, Karditsa (BP5N6), due to the expiry of a large period since the deposit of the evidence of the

CENTRAL GREECE MOTORWAY (E-65)



- State rights and Funds by the J/V which makes the update of the study more necessary than ever (prot. no. 15520/05.02.2013).
5. Return of the Technical Study on Exploitation of the borrow pit at “Ammoudes”, Municipality of Sofades, Karditsa (BP5N5), due to the expiry of a large period since the deposit of the evidence of the State rights and Funds by the J/V which makes the update of the study more necessary than ever (prot. no. 15521/05.02.2013).
 6. EYPE Request to the J/V to submit five (5) additional copies of the EIS to amend No. 145504/18.11.2005 “Central Greece Road Axis (E65), Makrihori – Lamia section” regarding environmental permitting on quarry aggregates in the area of Agios Stefanos, Municipality of Domokos, Fthiotida (BP3N5) (prot. no. 15522/05.02.2013)
 7. EYPE Request to the J/V to submit five (5) additional copies of the EIS to amend No. 145504/18.11.2005 “Central Greece Road Axis (E65), Makrihori – Lamia section” regarding environmental permitting on quarry aggregates in the area of “Fournia”, Municipality of Domokos, Fthiotida (BP3N2) (prot. no. 15523/05.02.2013)
 8. The Concessionaire promoted the 5th Annual Environmental Report to EYDE EPA & IO (prot. no. 15529/12.02.2013)
 9. The YPEKA General Director for Environment (ADA: B45N0-E0M), via letter with prot. no. 203583/04.12.2012, decided the non-amendment of the JMD no. 145521/18.11.2005 of the Environmental Terms approval of the project: “Central Greece Road Axle (E65), Makrihori – Kalampaka section” on the CH. 136+860, since there are no substantive differences as regards the JMD for environmental terms approval, (prot. no. 15536/20.02.2013).
 10. Our J/V informed EYDE A & IO CP on the issue of the site for the uncontrolled landfill of waste at “ANTEALAKKA”, Municipality of Trikkaia, on CH. 108+500 (Prot. no. 15544/22.02.2013).

See in this respect:

- Our letter with prot. no. 7415/26.04.2010 addressed to the Municipality of Estiaiotida

CENTRAL GREECE MOTORWAY (E-65)

- Our letter with prot. no. 7416/GM/gp/26.04.2010 addressed to the Environmental Development of Eastern Thessaly S.A. (PADYTH) (prot. no. J/V 7640/07.05.2010)
- Our letter with prot. no. 1477/04.05.2010 addressed to the Environmental Development of Eastern Thessaly S.A. (PADYTH) (prot. no. J/V 7640/07.05.2010)
- Our reply to the Environmental Development of Eastern Thessaly S.A. (PADYTH) with prot. no. 10296/EM/23.09.2010
- The Environmental Development of Eastern Thessaly S.A. (PADYTH) letter with prot. no. 1763/04.10.2010 (J/V prot. no. 10528/07.10.2010)
- Complaint dated 30.06.2011 submitted to the Police Directorate of Trikala
- Our letter with prot. no. 26.07.2011 addressed to the Environmental Development of Eastern Thessaly S.A. (PADYTH S.A.)
- The Environmental Development of Eastern Thessaly S.A. with prot. no. 2298/04.08.2011 (with J/V prot. no. 14377/08.08.2011)
- Our letter with prot. no. 14598/12.10.2011 addressed to the Concessionaire
- Concessionaire's letter to Egnatia Odos S.A. with prot. no. CC.Z.CC.11692/18.10.2011 (J/V prot. no. 14629/25.10.2011)
- Trikala Police Headquarters complaint dated 19.10.2012
 11. Following J/V submission with prot. no. 14111/22.06.2011, Decision no. oik. 167266/01.04.2013 amending the JMD of Central Greece Road Project (E65): Makrihori – Lamia Section as regards the variations of the final design of the project in Section from CH. 0+000 to CH. 14+500 (J/V prot. no. 15597/11.04.2013).
 12. Submission of quarry activity statement for Aggregate materials – Borrow pits in the area of “Aerodromio” or “Potamia”, local community of Kefalovryso, municipal community of Faloria, Municipality of Trikkaia, Prefecture of Trikala (pursuant to Article 13, Law 1428/84) for 2012 – inaction statement (J/V prot. no. 15598/11.04.2013)
 13. Submission of quarry activity statement for Aggregate materials – Borrow pits in the area of “GELADARIA”, local community of Anavra, municipal community of Tamassi, Municipality of Sofades, Prefecture of Trikala (pursuant to Article 13, Law 1428/84) for 2012

CENTRAL GREECE MOTORWAY (E-65)



- inaction statement (J/V prot. no. 15598/11.04.2013) (J/V prot. no. 15599/1.04.2013)
14. Submission of quarry activity statement for Aggregate materials – Borrow pits in the area of “Kalamaki Vryssi”, local community of Agia Paraskevi, municipal community of Lamia, Prefecture of Fthiotida (pursuant to Article 13, Law 1428/84) for 2012 – inaction statement (J/V prot. no. 15600/11.04.2013)
15. Submission of quarry activity statement for Aggregate materials – Borrow pits in the area of “Kioska”, local community of Anavra, municipal community of Tamassi, Municipality of Sofades, Prefecture of Karditsa (pursuant to Article 13, Law 1428/84) for 2012 – inaction statement (J/V prot. no. 15601/11.04.2013) (J/V prot. no. 15599/11.04.2013)
16. Decision with prot. no. ΥΠΑΙΘΠΑ/ΓΔΑΠΚ/ΠΚΑ/ΤΑΧ/51128/23525/3428/1687/09.04.2013 of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports approving the (CH. 113+340 – CH. 113 + 440), under conditions (J/V prot. no. 15610/22.04.2013).
17. Decision with prot. no. ΥΠΑΙΘΠΑ/ΓΔΑΠΚ/ΠΚΑ/ΤΑΧ/51128/23525/3428/1687/09.04.2013 of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports approving the non-conservation of the ancient remains discovered in “Magoula Potistikon Stavrou” (CH. 14+510 – CH. 14+540), Stavros, Prefecture of Fthiotida, Central Greece, under conditions (J/V prot. no. 15611/22.04.2013).
18. Decision with prot. no. ΥΠΑΙΘΠΑ/ΓΔΑΠΚ/ΤΑΧ/58837/27654/3900/1950/12.04.2013 of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports approving the non-conservation of the ancient remains discovered in “Alonaki” (CH. 55+660 – CH. 55+700), local community of Anavra, municipal community of Tamassi, Regional Unit of Karditsa, County of Thessalia, under conditions (J/V prot. no. 15618/25.04.2013).
19. Submission of five (5) extra copies of the Environmental Impact Study of the borrow pit (BP345) in “Agios Stefanos”, Municipality of Domokos, County of Fthiotida (J/V prot. no. 15619/26.04.2013).

CENTRAL GREECE MOTORWAY (E-65)



20. Submission of five (5) extra copies of the Environmental Impact Study of the borrow pit (BP342) in “Fournia”, Municipality of Domokos, County of Fthiotida (J/V prot. no. 15620/26.04.2013).
21. The Concessionaire promoted the J/V 15619/26.04.2013 submission of five (5) extra copies of the Environmental Impact Study in “Agios Stefanos”, Municipality of Domokos, County of Fthiotida (J/V 15635/16.05.2013) to EYDE MKEPA & IO.
22. The Concessionaire promoted the J/V 15620/26.04.2013 submission of five (5) extra copies of the Environmental Impact Study in “Fournia”, Municipality of Domokos, County of Fthiotida (J/V 15636/16.05.2013) to EYDE MKEPA & IO.
23. The J/V informed the Concessionaire that ΙΔ ΕΠΚΑ has started the coverage with earth of the ancient remains discovered in CH. 25+8654 – CH. 26+100 without warning our J/V, the Independent Engineer or the Concessionaire. The methodology applied may carry a risk of future problems in the project. Our J/V requested the Concessionaire to act to modify the earthworks (J/V prot. no. 15651/28.05.2013).
24. EYDE/D-C EPA & IO submitted to EYPE/YPEKA four (4) extra copies of the Environmental Impact Study of the borrow pit (BP342) in “Fournia”, Municipality of Domokos, County of Fthiotida, submitted by our J/V with prot. no. 15620/26.04.2013 (J/V prot. no. 15863/28.06.2013).
25. EYDE/D-C EPA & IO submitted to EYPE/YPEKA four (4) extra copies of the Environmental Impact Study of the borrow pit (BP345) in “Agios Stefanos”, Municipality of Domokos, County of Fthiotida, submitted by our J/V with prot. no. 15619/26.04.2013 (J/V prot. no. 15864/28.06.2013).
26. EYPE/YPEKA with letter no. 169088/28.06.2013 submitted the Environmental Impact Study documentation for the 144504/18.11.2005 AET JMD amendment of the road project: “Central Greece (E65) Motorway: section Lamia – Makrihori” as regards the environmental licensing of the borrow pit in “Agios Stefanos” (BP3N5) of the Municipality of Domokos, County of Fthiotida:
 - Central Greece Regional Council, for public consultation

CENTRAL GREECE MOTORWAY (E-65)

- Directorate for Regional Planning of YPEKA, for opinion
- Directorate for Quarries, Marble and Inert Materials of YPEKA, for opinion
- Directorate for Aesthetic Forests, Parks and Hunting of YPEKA, for opinion
- Directorate of Prehistoric and Classical Antiquities of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports, for opinion
- Directorate of Byzantine and Post-byzantine Antiquities of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports, for opinion
- Directorate of Planning and Environmental Protection of the Ministry of Rural Development and Food, for opinion (J/V prot. no. 15691/12.07.2013)

27. EYPE/YPEKA submitted with prot. no. 169088/28.06.2013 for the amendment of the AET JMD no. 144504/18.11.2005 of the road project: "Central Greece (E65) Motorway: section Lamia – Makrihori", as regards the environmental licensing of the borrow pit in "Fournia Makryrachi" (BP3N2) of Municipality of Domokos, County of Fthiotida:

- Central Greece Regional Council, for public consulting
- Directorate for Regional Planning of YPEKA, for opinion
- Directorate for Quarries, Marble and Inert Materials of YPEKA, for opinion
- Directorate for Aesthetic Forests, Parks and Hunting of YPEKA, for opinion
- Directorate of Prehistoric and Classical Antiquities of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports, for opinion
- Directorate of Byzantine and Post-byzantine Antiquities of the Ministry of Education and Religious Affairs, Ministry of Culture and Sports, for opinion
- Directorate of Planning and Environmental Protection of the Ministry of Rural Development and Food, for opinion (J/V prot. no. 15692/12.07.2013)

CENTRAL GREECE MOTORWAY (E-65)



28. The Committee on Environmental and Development of Central Greece issued, with prot. no. 84061/397/17.07.2013, instructions ordering the publishing in (3) three newspapers of the Invitation - Announcement of the EIS publication amending AET JMD no. 144504/18.11.2005 of the road project: Central Greece (E65) Motorway: Lamia – Makrihori section”, as regards the environmental licensing of the borrow pit in “Agios Stefanos” (BP3N5) of County of Fthiotida (J/V no. 15699/17.07.2013)
29. The Committee on Environment and Development of Central Greece issued instructions ordering the publishing in (3) three newspapers of the Invitation - Announcement of the EIS publication amending AET JMD no. 144504/18.11.2005 of the road project: Central Greece (E65) Motorway: Lamia – Makrihori section”, as regards the environmental licensing of the borrow pit in “Fournia” (BP3N2) of County of Fthiotida (J/V no. 15700/17.07.2013)
30. Following J/V submission no. CC/X/CO/T000N/PRO14130/EM/sk/23.06.2011 and our communication with the Special Environmental Service of YPEKA, we submitted three (3) extra copies of the Environmental Report pursuant to Article 13 of the JMD 11014/703/Φ/2003 – OGG 332, for the amendment of the JMD on the Project Environmental Terms of the Project, section CH. 85+800 – CH. 137+550, with prot. no. 14551/18.11.2005” (J/V no. 15704/25.07.2013).
31. In response to EYPE/YPEKA letter no. 169088/28.06.2013 (see point 1), the Directorate for Quarries, Marble and Inert Materials of YPEKA with prot. no. D10-B/Φ46/13609/2549/18.07.2013, positive opinion as regards the environmental licensing of the borrow pit in “Fournia Makryrachi” (BP3N2) County of Fthiotida (J/V no. 15708/25.07.2013).
32. Preparation and submission of the 6th Semi-annual Environmental Management Report for 01.01.2013 – 30.06.2013 (J/V no. 15713/30.07.2013).
33. Decision with prot. no. 125668/64754/8441/18.07.2013 (ADA: BΛ43Γ-K75), Co-ordination Office of Archeological Works in the framework of Major Projects approved the non-conservation of antiquities under conditions revealed in “Alonaki” (CH. 55+980 –

- CH. 56+200), Anavra, Regional Unit of Tamassi, Municipal Unit of Karditsa, County of Thessalia (J/V no. 15719/07.08.2013)
34. Following the submission no. J/V 15704/25.07.2013 of three (3) extra copies of the Environmental Terms of the Project pursuant to Article 13 of the JMD 11014/703/Φ/2003 – OGG 332B, for the amendment of the Environmental Terms Agreement JMD, section CH. 85+800 – CH. 137+550, with prot. no. 145521/18.11.2005” to the Concessionaire, the Concessionaire prot. no. CC.Z.CC.14210/30.07.2013 approved the above submission to EYDE MKEPA & IO (J/V no. 15720/01.08.2013).
35. EYDE MKEPA & IO submitted via prot. no. A/6/00/08/24/20065/08.08.2013 three (3) extra copies of the Environmental Report pursuant to Article 13 of the JMD 11014/703/Φ/2003 – OGG 332B, for the amendment of the JMD concerning the Environmental Terms Approval of the Project, section CH. 85+800 – CH. 137+550, with prot. no. 145521/18.11.2005” (see point 2) to EYPE/YPEKA (prot. no. J/V 15745/02.09.2013).
36. The Directorate for Quarries, Marble and Inert Materials / YPEKA and following EYPE/YPEKA relevant request, gave a positive opinion on the environmental licensing of the borrow pit in “Agios Stefanos”, Fthiotida (BP3N5), Municipality of Domokos, County of Fthiotida, J/V prot. no. 15746/03.09.2013).
37. Decision no. 125668/64754/8441/4038/18.07.2013 (ADA: ΒΛ43Γ-K75) of the Archeological Works Coordinating & Monitoring Office in the framework of the Major Projects approved the non-conservation under conditions of the antiquities revealed in “Avlonaki” (CH. 55+980 – CH. 56+200), Anavra, Regional Unit Tamassi, of Tamassi, Prefecture of Karditsa, Region of Thessalia (J/V prot. no. 15719/07.08.2013).
38. Following the J/V no. 15740/25.07.2013 submission of three (3) extra copies of the Environmental Report pursuant to Article 13 of the 11014/703/Φ/2003 JMD – OGG 332B, for the amendment of the JMD on the Project Environmental Terms Approval, section CH. 85+800 – CH.137+550, with prot. no. 145521/18.11.2005” to the Concessionaire, the Concessionaire with prot. no.

CENTRAL GREECE MOTORWAY (E-65)

CC.Z.CC.14210/30.07.2013, submitted the aforementioned letter to EYDE/MKEPA & IO (J/V prot. no. 15720/01.08.2013).

39. EYDE/MKEPA & IO submitted via prot. no. a/6/00/08/24/20065/08.08.2013 three (3) extra copies of the Environmental Report pursuant to Article 13 of the 11014/703/F/2003 JMD – OGG 332B, for the amendment of the JMD on the Project Environmental Terms Approval, section CH. 85+800 – CH. 137+550, with prot. no. 145521/18.11.2005” (see point 2) to EYPE/YPEKA (J/V prot. no. 15745/02.09.2013).
40. The Directorate for Quarries, / YPEKA following letter with prot. no. D10-B/F46.47/13608/2548/19.08.2013 and after EYPE/YPEKA relevant request gave positive opinion for the environmental licensing in “Agios Stefanos”, Municipality of Domokos, Fthiotida (BP3N5) (J/V prot. no. 15746/03.09.2013).

4.1.2 Project Environmental Designs

The contractual scope of the Constructional Joint Venture is to prepare the relevant technical and other designs for the implementation of the project. Furthermore, the environmental terms of the project referred to the relevant hydraulic and landscaping designs should be conducted for the construction of the project. The J/V of the project has commissioned to a specialized design office the elaboration of the environmental studies required to grant permits for the modifications that arise from the finalization of the works have been assigned. The designs are prepared by the Construction Joint Venture and are submitted to the Concessionaire in order to promote them for approval to the Owner of the Project (PWGD/EYDE EPA & IO) and the department of YPEKA, i.e. the Special Environment Agency (EYPE). The environmental studies of the project are presented in the following table (table 4.1.2-1 & 4.1.2-2).

Table 4.1.2-1

Joint Ministerial Decision / Road Work Designs

CENTRAL GREECE MOTORWAY (E-65)

No.	Decision Protocol No.	Decision Title / Project Section	
1.	Joint Ministerial Decision 144504/18.11.2005	"Central Greece (E65) Road Axis / Makrihori – Lamia"	
2.	Director General for the Environment Decision YPEKA prot. no. 167266/01.04.2013	Decision Amending AET JMD 144504/18.11.2005 (CH. 0+000 – CH. 14+500)	
3.	Joint Ministerial Decision 145521/18.11.2005	"Central Greece (E65) Road Axis / Makrihori – Kalampaka"	
4.	Director General for the Environment Decision YPEKA prot. no. 203583/04.12.2011	Decision Amending AET JMD 145521/18.11.2005 Cut & Cover in CH 137+000	
5.	Director General for the Environment Decision YPEKA prot. no. 172041/26.11.2013	Amendment of AET JMD 145521/18.11.2005 Amendments in Makrihori – Kalampaka (CH. 85+800 – CH. 137+550)	
6.	Joint Ministerial Decision 147014/18.11.2005	"Central Greece (E65) Road Axis / Kalampaka - Egnatia Odos & Agia Paraskevi I/C" for its connection with Egnatia Odos".	
7.	Joint Ministerial Decision 103681/05.05.2006	"Connecting road of the Smokovo I/C with the existing road network".	
8.	Joint Ministerial Decision	Skarfia - Thermopiles at the section of Skarfia - Lamia of the PATHE Motorway	

CENTRAL GREECE MOTORWAY (E-65)

No.	Decision Protocol No.	Decision Title / Project Section	
	146113/12.07.2005		
9.	Joint Ministerial Decision 126696/06.06.2007	Amendment of the Joint Ministerial Decision 146113/12.07.2005. The amendment refers to the approval of the Borrow Pits	
10.	122881/08.03.2010 EYPE/YPEKA	Environmental licensing of Agia Triada and Molos I/C toll stations of PATHE motorway	
11.	Joint Ministerial Decision 131550/04.05.2003	“Optimization of the National Road to a PATHE motorway, Skarfia - Lamia section, subsection from the beginning of the Thermopiles Interchange to Nea Kiti of Sperchios river”.	
12.	121668/08.02.2010 EYPE/YPEKA	Environmental licensing of the toll station in Thermopiles I/C of PATHE motorway	
13.	Joint Ministerial Decision 146109/30.09.2005	“Optimization of the National Road to a PATHE motorway, section from Nea Kiti of Sperchios river to Roditsa Interchange”.	
14.	Joint Ministerial Decision 130665/02.05.2003	“Optimization of the National Road Athens - Thessaloniki to a motorway that will serve Patra - Athens - Thessaloniki - Evzoni (PATHE), Lamia - Raches section, subsection at CH.3+500 to CH.12+000”	
15.	JMD 195214/11.01.2011	Amendment of the 130665/02.05.2003	
16.	Joint Ministerial Decision 100198/30.05.2006	“Overall Bypass at Stylida – Karavomylos”	
17.	121667/08.02.2010 EYPE/YPEKA	“Environmental licensing of the toll stations of Agia Marina – Stylida ICs and Stylida –	

CENTRAL GREECE MOTORWAY (E-65)

No.	Decision Protocol No.	Decision Title / Project Section	
		Karavomilos I/C of PATHE motorway"	

Table 4.1.2-2

Joint Ministerial Decision / Road Work Designs submitted by the Construction J/V

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
1.	Report for the determination of environmental permit procedures of the modification project of Central Greece Road Axis (E-65) in Lamia – Makrihori section (CH. 0+000 – CH. 14+500) (Supporting documentation of art.13 of JMD with no 11014/703/Φ104/2003 KYA)	6484/10.03.2010	----	----	
		14111/22.06.2011	----	Resubmission	
		15414/08.11.2012	167266/01.04.2013	Submission of 2 additional copies Approval: Decision no. oik. 167266/01.04.2013 on the JMD AET amendment no. 144504/18.11.2005	
2.	Report for the determination of environmental permit procedures of the modification project of Central Greece Road Axis (E-65) in Makrihori – Kalampaka section (CH. 14+500 – CH. 85+800) (Supporting documentation of art.13 of JMD with no 11014/703/Φ104/2003 KYA)	12005/04.01.2011	----	Submission	
		14129/23.06.2011	----	Resubmission	

CENTRAL GREECE MOTORWAY (E-65)

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
	KYA)				
3.	Additional Environmental Impact Assessment for the improvement of CH. 47+000 – CH. 56+000 (of Smokovo semi section)	12015/05.01.2011	----	Submission	
4.	Report for the definition of procedures of environmental licensing for the Central Greece (E-65) in section of Makrihori – Kalampaka (CH. 85+800 – CH. 137+550) (File under Article 13 of JMD 11014/703/Φ104/2003)	3113/23.07.2009	----	The design was submitted by EOSA with protocol no A248145/04.03.2010 The design has been given back by EYPE with protocol no 122785/26.04.2010	
		3786/21.09.2009			
		4796/27.11.2009			
		5097/14.12.2009			
		6005/11.02.2010			
		12006/04.01.2011	----	Resubmission	
		14130/23.06.2011	Director General for Environment / YPEKA Decision Prot. no. 172041/26.11.2013	Resubmission and Approval:	
5.	Environmental Impact Assessment for the relocation of Kalampaka MSS (CH. 132+000) to a new location near Trikala (CH. 117+000)	11990/04.01.2011	----	Resubmission and rejection.	
		----		Return of the design by EOSA for resubmission (A282383/26.01.2011)	

CENTRAL GREECE MOTORWAY (E-65)

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
		13178/22.03.2011	Director General for Environment / YPEKA Decision Prot. no. 172041/26.11.2013	Resubmission and rejection	
6.	Environmental Impact Assessment for the Cut & Cover construction in CH. 137+000 with recoverable materials	12854/28.02.2011	----	Submission	
				Return of the design by EOSA for resubmission (A287258/17.03.2011)	
		13726/09.05.2011	203583/04.12.2012	Resubmission Approval: there are substantive differences in the impact on the environment, and environmental conditions approved by JMD A.E.T no. 145521/18.11.2005 shall apply	
7.	Environmental Impact Assessment for the Cut & Cover construction in CH. 138+400 with recoverable materials	12854/28.02.2011	----	Submission	
				Negative response EOSA (A287258/17.03.2011) due to the fact that the said project belongs to the JMD 147014/18.11.2005 which is suspended in the interim order of the Council of State	
		13726/09.05.2011	----	Resubmission	

CENTRAL GREECE MOTORWAY (E-65)

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
8.	Additional Environmental Impact Assessment (EIA) for the connecting road from Anavra to Thavmakos (A' Section) of length 13,5 km. in replacement of the connecting road Smokovo – Monastiri, of 9 km. approximate length	12016/05.01.2011	EYPE/YPEKA letter no. 198627/28.05.2012 transmitted to the Directorate of Environment and Spatial Planning of Central Greece due to jurisdiction, in accordance with the new classification of projects and activities of the M.D. 1958/2012 (OGG 21B/13.01.2012)	Since the major section of the proposed alignment of the road is within the limits of Karditsa, the Directorate of Environment and Spatial Planning of Central Greece asks EOAE with a relevant document (prot. no. DI.PE.CHO.S. of Central Greece 2803/117679/12.07.2012) to submit an issue of this EIS to DI.PE.CHO.S. of Thessaly of the Decentralized Administration of Thessaly - Central Greece	
9.	Study for the Environmental Licensing of the Construction and Operation of the toll stations in Athens – Thessaloniki N.R., in the subsection Skarfia – Thermopiles of Skarfia – Lamia section, in Agia Triada and Molos I/C locations. (File pursuant to article 13 of the JMD 11014/703/Φ104/2003)	3907/28.09.2009	122881/ 08.03.2010 EYPE / YPEKA	Approved	
10.	Study for the Environmental Licensing of the Construction and Operation of the toll	4049/08.10.2009	121668/08.02.2010 EYPE / YPEKA	Approved	

CENTRAL GREECE MOTORWAY (E-65)

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
	stations in Athens – Thessaloniki N.R., in the subsection of Thermopiles I/C beginning – Nea Kiti of Sperchios of Skarfia – Lamia section, in Thermopiles I/C location (File pursuant to article 13 of the JMD 11014/703/Φ104/2003)				
11.	Study for the Environmental Licensing of the Construction and Operation of the toll stations in Athens – Thessaloniki N.R., in the subsection Roditsa I/C end – Agia Marina I/C beginning of Lamia – Raches section, in Agia Paraskevi and Mavromantila I/C. (File pursuant to article 13 of the JMD 11014/703/Φ104/2003)	4049/08.10.2009	JMD 195214/11.01.2011	Approved	
12.	Study for the Environmental Licensing	4049/08.10.2009	121667/08.02.2010 EYPE / YPEKA	Approved	

CENTRAL GREECE MOTORWAY (E-65)

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
	<p>of the Construction and Operation of the toll stations in Athens – Thessaloniki N.R., in the subsection of Agia Marina I/C beginning, Stylida – Raches I/C of Skarfia - Raches section, in the locations of Agia Marina I/C, Stylida and Stylida I/C – Karavomilos.</p> <p>(File pursuant to article 13 of the JMD 11014/703/Φ104/2003)</p>				

4.1.3 Special Designs

During the first semester of 2013 no special designs have been prepared.

4.2 ANTIQUITIES

The Constructional Joint Venture is in direct communication with the competent archaeological services. Based on the Concession Agreement and the Design/Construction Agreement, the J/V is responsible for performing trial archaeological cuts following the competent authority's instructions.

The following table (table 4.2-1) presents in detail the up-to 31.12.2013 situation performed in the reserved areas.

(view Table) Areas blocked due to Archaeology

CENTRAL GREECE MOTORWAY (E-65)

G.U.	Start	Finish	Blocked on	Free on	Remarks
1N. 2	13+300	14+200	30/10/2009 (prot. 4455)	29/4/2010 (prot.7603)	Unblocked via 24 th EBA letter no. 2451/29-4-10.
	14+300		7/4/2010	18/1/2013 (prot.15501)	The delivery of areas 14+300-14+540 and 14+510-14+540 has been decided by the archeological council on 15/1/2013
	14+400	14+540	23/6/2010 (prot.8673)	18/1/2013 (prot.15501) (prot.15611)	The 24 th EBA letter, with prot. No. 3373 / 23-06-2010, requested the suspension of the works from CH. 14+400 - 14+540 due to antiquities. Interruption of archeological works on 06/12/2010 and reset of archeological excavations by 14.03.2011. The ΙΔ' Ephory of Classical Antiquities undertook the excavations for this area according to the 24 th EBA letter with prot. no. 4712/31.8.2011. Approval on non conservation of ancient residues in 14+510-14+540 .
2N. 1	20+800	21+580	1818/16-3-2010		Waiting for change of study or expropriation for bridge construction according to the existing study.
	25+954	26+250	3/6/2010	27/9/2010	The ΙΔ ΕΠ & ΚΑ letter with prot. no. 3774 / 03-06-2010 requested the interruption of the works on CH. 25+954 - 26+250 due to findings. With 6656/27-9-2010 section 26+080-26+250 is now available With 7103/5562 (15435) section 25+954-26+100 is now available
4N	53+660	55+700		30/10/2012 (prot.15411) (prot.15618)	Decision of the archeological council
	55+675	55+765	20/12/2010 (prot.11977)		Section from CH. 55+670-55+770 (20/12/10) blocked. Area surface = 4868 m2 Unblocked 55+660-55+750 via 1950/12-4-2013 Unblocked 55+710-55+750 via 52130/2625/1-6-2012 (prot.15196)
	55+830	55+900	20/12/2010 (prot.11977)		The ΛΔ' Ephory of Prehistorical and Classical Antiquities requested the ΚΑΣ 3634/22-8-2011 for this section to be unblocked. Unblocked according to the Minister of Culture letter with prot. no. 10483/31-10-11.
	55+995	56+135	20/12/2010 (prot.11977)	24/05/2013 (prot.15649 & 15719)	Section from CH. 55+995 - 56+135 blocked, prot. no.: ΛΔ' Ephory of Prehistorical & Classical Antiquities 3782/20-12-10. Unblocked 55+980-56+200 "Alonaki" via 15719
	56+135	56+180	29/10/2010	24/05/2013 (prot.15649)	Still Blocked. Unblocked 55+980-56+200 "Alonaki" via 15719
	58+470	58+530	1/10/2009 (prot.4060)	22/3/2010	Graves (Update with Ephory of Prehistoric and Classical Antiquities letter no. 3889/3-9-2010 ΛΔ' to the Ministry of Culture - Egnatia)
5N	60+200		1/9/2009	30/11/2009	Pipe – Unblocked (Update with Ephory of Prehistoric and Classical Antiquities letter no. 3889/3-9-2010 ΛΔ' to the Ministry of Culture - Egnatia)

CENTRAL GREECE MOTORWAY (E-65)

G.U.	Start	Finish	Blocked on	Free on	Remarks
	63+319	63+390	1/10/2009 (prot.4060)	25/5/2010 με το υπ' αριθμ. 2751/24-6- 2010	Housing waste – section unblocked with letter (prot. no.: 2751/24-6-2010) by the ΛΔ' Ephory of Prehistoric & Classical Antiquities
	63+980	64+082	28/7/2009	1/12/2009 με το υπ' αριθμ. 3889/3-9-2010	Update with Ephory of Prehistoric and Classical Antiquities letter no. 3889/3-9-2010 ΛΔ' to the Ministry of Culture - Egnatia)
	64+120	64+280	1/10/2009 (prot.4060)	2751/21-6-2010	Unblocked via ΛΔ' Ephory of Prehistoric and Classical Antiquities letter with prot. no. 2751/24-6-2010
	64+320	64+540	1/10/2009 (prot.4060)	19/8/2010	Still Blocked.
	64+640		1/10/2009	22/3/2010	Unblocked Update with Ephory of Prehistoric and Classical Antiquities letter no. 3889/3-9-2010 ΛΔ' to the Ministry of Culture - Egnatia)
	67+900,00	68+140	27/11/2009 (prot.4979)		Section BLOCKED BY THE ΛΔ' Ephory of Prehistoric and Classical Antiquities on CH. 67+900 - 68+140 & CH. 68+510-68+621(prot. no. 4841/27-11-09)
	68+510,00	68+620,00	27/11/2009 (prot.4979)		
	73+925,00	73+950,00	16/4/2010	25/5/2010	Unblocked (AREA B.C. H015) 3889/3-9-2010
	76+430	76+470	1471/16-4- 2010	9/9/2010 (prot.10721)	Section unblocked by the ΛΔ' Ephory of Prehistoric and Classical Antiquities (prot. no. 3959/7-9-10) (housing, graves and factory waste)
	77+000,00	78+000,00			Έγιναν διερευνητικές τομές. Area available.
	78+191.00	78+210,00	8/12/2009		Section blocked by the ΛΔ' Ephory of Classical Antiquities in CH. 78+200, prot. no. : 5001/9-12-09
	79+450	79+900		23/11/2010 (prot. 5241)	Section unblocked (Ministry of Culture letter no. 5241/23.11.2010)
	82+750	83+300			Exploratory cuts. Area available.
	84+450	84+650			Exploratory cuts. Area available.
6N. 2	95+277	95+359	3/9/2009	17/9/2009	Notification of release with letter no. 3889/3-9-2010 ΛΔ' Ephory of Prehistoric and Classical Antiquities to the Ministry of Culture - Egnatia)
	95+360	95+390	3/9/2009	17/9/2009	Notification of release with letter no. 3889/3-9-2010 ΛΔ' Ephory of Prehistoric and Classical Antiquities to the Ministry of Culture - Egnatia)
	95+391,74	95+457,87	3/9/2009	3/9/2010 (prot.10147)	Unblocked with letter no. 3891 / 3-9-10 of the ΛΔ' Ephory of Prehistoric and Classical Antiquities (Sanctuary residue and part of cemetery)
	95+556	95+568	3/9/2009	1/10/2009	Notification of release with letter no. 3889/3-9-2010 ΛΔ' Ephory of Prehistoric and Classical Antiquities to the Ministry of Culture - Egnatia)

CENTRAL GREECE MOTORWAY (E-65)

G.U.	Start	Finish	Blocked on	Free on	Remarks
7N. 1	99+350,22	99+371,03	22/10/2009	17/4/2012 (prot.15098)	Unblocked via the Min. of Culture letter with prot. no. 36356/1781/17-4-2012 (KAS 14-2-11 Meeting).
	105+220,23	105+233,17	26/1/2010 (prot.5856)	16/7/2010 (prot.9349)	Unblocked by the ΛΔ' Ephory of Prehistoric and Classical Antiquities (prot. no.: 3182 / 16-7-10) (Housing waste)
8N	113+340	113+440	28/7/2010 (prot.8814)	28/1/2013 (prot.15511) (prot.15610)	Blocked by the ΛΔ' Ephory of Prehistoric and Classical Antiquities, prot. no.: 2792/28-6-10 (introduction to the KAS January 2013). Unblocked. Following a meeting of the Archaeological Council on 22.1.2013 decided to plow in the residue and the delivery of the area. Approval of ΥΠΑΙΘΠΑ for conservation of the plowing in.
	116+660	116+870	2628/10-6-2010	29/7/2010 (prot.9843)	Unblocked via 19 th EBA letter no. 3560/29-7-2010.
	116+600	117+260	2628/10-6-2010	24/2/2012 (prot.15003)	Section 116+870 - 116+998 unblocked on 10/1/2011 according to 19 th EBA letter no. 4299.
	116+980	117+260	2628/10-6-2010	29/7/2010 (prot.9843)	Unblocked via 19 th EBA letter no. 3560/29-7-2010.
10N	136+580	136+630	21/7/2010 (prot.9316)		Still Blocked (19th EBA).

CENTRAL GREECE MOTORWAY (E-65)

4.3 ENVIRONMENTAL MONITORING

4.3.1 Waste Management

All types of waste are being managed based on the requirements of the Greek legislation for the environment and the environmental terms of the project. For the construction of the project, worksites manage waste in accordance with the directives for environmental management, which will be monitored by the Department for the Environment of the Joint Venture, until the completion of the Design - Construction Period.

The following table (table 4.3.1-1) presents the method of waste management which derives from the construction works and other activities.

Table 4.3.1-1:
Waste Disposal Table

Waste / Material Type	Origin	Collection & Storage Method	Managing Agency	Actions
Waste Lubricating Oils - Mineral Oils (ALE)	Project machinery & motor-powered equipment	In barrels within the worksites	Licensed Operator for Alternative Waste Lubricating Oils Management (ELTEPE)	Agreement with ELTEPE
Batteries - Accumulators	Project machinery & equipment	In wooden pallets located at special areas	Licensed Operator for Alternative Management (SYDESIS S.A.)	Agreement with SYDESYS S.A.

CENTRAL GREECE MOTORWAY (E-65)

Waste / Material Type	Origin	Collection & Storage Method	Managing Agency	Actions
Vehicle tires	Project vehicles	In safe open areas within the worksite	Licensed Operator for Alternative Management (EKOELASTIKA S.A.)	Agreement with EKOELASTIKA S.A.
Metallic scrap	Project Construction	In safe open areas within the worksite	Any licensed metal collector	Transportation where scrap is produced
Wooden pallets	Procurement of materials for the construction of the project	In open areas within the worksite	Any palette trader / manufacturer	Transportation
Solid hazardous waste	Equipment maintenance, project construction	In safe special areas within the worksites	Any licensed collector of solid hazardous waste	Agreement with the body for alternative hazardous waste management
Liquid hazardous waste	Equipment maintenance, project construction, material excess	In barrels within the worksites	Any licensed collector of liquid hazardous waste	Agreement with the body for alternative hazardous waste management
Electrical & Electronic Equipment (AHHE)	Worksites, Lighting maintenance	In predefined areas within the worksites	Licensed Operator for Alternative Management (APPLIANCES RECYCLING S.A.)	Agreement with APPLIANCES RECYCLING S.A.
Urban solid waste	Worksites, offices	In municipal litter bins	The Municipal Authorities	Agreement or cooperation

CENTRAL GREECE MOTORWAY (E-65)

Waste / Material Type	Origin	Collection & Storage Method	Managing Agency	Actions
Other solid waste (paper)	Worksites, trial laboratories	In litter bins within the worksites	Any licensed collector of solid non-hazardous waste	Application to Municipalities Working with P.A.DY.TH. SA (Environmental Development of Western Thessaly SA)
Liquid waste	Site Offices	Waterproof cesspits	Any licensed subcontractor / Municipal Water Supply and Sewerage of Karditsa	Waterproof cesspits
Liquid waste	Asphalt mix & concrete manufacturing unit	Oil-Dirt collector - settlement tank	Any licensed collector of liquid non-hazardous waste	Agreement with subcontractor

The quantities of waste, which are being ecologically managed within 2013 in the framework of the project's construction, shall be presented in the following table (Table 4.3.1-2) and mainly refer to office supplies. It is noted that a part of the produced waste is processed via permanent and legitimate facilities that take part in the construction of the project and that comply with the applicable legislation on waste disposal. Finally, it has to be noted that, due to the reduction of the pace of the works and their suspension from 01/2011, the quantities of waste produced have also been reduced, while in many cases the facilities and sites of collection and temporary storage of waste (tanks, sedimentation tanks, biological treatment plants of compact type, etc.) have been removed.

Table 4.3.1-2:

Waste Disposal Table

Waste / Material Type	EKA Code	Method of management (quantities in kilos, c.m. pieces, etc.)				Observations
		Recycling /regeneration	Temporary storing	Temporary deposit	Permanent Disposal/A availability	
Vehicle tires	16 01 03		Storing on wooden pallets in a specially designed area within worksites			Temporary storing of 162 pieces
Batteries - Accumulators	16 06 01		Storing on wooden pallets in a specially designed area within worksites			Temporary storing of 96 (from road signage) and 6 (from mechanically-operated) pieces

Finally, it should be noted that, due to the suspension of the works (01/2011), the waste generated by the construction of the project was insignificant.

4.3.2 Air Pollution

A parameter control plan is applied in order to reduce impact on the community, on the natural environment, etc.

According to the Environmental Impact Assessment (EIA) of the road works, no excess of dust emission limit is expected greater than 20m from the works at all the length of the motorway under construction and worksite areas. However, all

CENTRAL GREECE MOTORWAY (E-65)

necessary measures to reduce dust emission are taken, such as water springing, filter bags etc.

Finally, it has to be noted that, due to the suspension of the works (01/2011), the production of gaseous pollutants was significantly reduced, up to zero. The maintenance and monitoring works of the already constructed part of the project (maintenance of drainage ditches, safety monitoring of the project, etc) conducted during the suspension of the works, are carried out by ordinary mechanical means and in a small stretch of land so that the production of gaseous pollutants to be negligible.

Up to date, there are no complaints - reminders from the air pollution resulted by the construction of the project.

4.3.3 Vibrations

A parameter monitoring plan is under development in order to reduce impact on the community, on traffic, on public utility networks, etc. Also, all materials extraction sites proposed by the Construction J/V for the needs of the construction of the road project, do not require the use of explosives for their exploitation.

Finally, it has to be noted that, due to the reduction of the construction pace and the suspension of the works (01/2011), the production of vibrations was significantly reduced, up to zero. The maintenance and monitoring works of the already constructed part of the project (maintenance of drainage ditches, safety monitoring of the project, etc) conducted during the suspension of the works, are carried out by ordinary mechanical means and in a small stretch of land so that the production of gaseous pollutants to be negligible.

Up to date, there are no complaints - reminders from the vibrations resulted by the construction of the project.

4.3.4 Noise

The Construction Joint Venture monitors the noise emitted during the entire construction process, in order to ensure compliance with the applicable noise

CENTRAL GREECE MOTORWAY (E-65)

levels provided by the law and in the event of exceeding the limits all required measures are taken.

Finally, it has to be noted that, due to the reduction of the construction pace and the suspension of the works (01/2011), the noise production was significantly reduced, up to zero. The maintenance and monitoring works of the already constructed part of the project (maintenance of drainage ditches, safety monitoring of the project, etc) conducted during the suspension of the works, are carried out by ordinary mechanical means and in a small stretch of land so that any noise production to be negligible.

According to the results of the above mentioned measurements carried out in previous periods (see previous reports), the noise emitted due to various construction works doesn't affect any area close to the works. All works following the measurements carried out, were performed based on the applicable limits provided by the standing legislative framework, as well as from the Environmental Terms of the project.

Up to date, there are no complaints - nuisances from the noise resulted by the construction of the project.

4.3.5 Water resources

All measures related to the prevention of pollution - burden to the waters through methods of good worksite practice and their monitoring, under the Program of Environmental Monitoring and Control, are taken. For the specific purpose, holding tanks connected to oil removers have been developed at various worksites aiming to the monitoring of the perimeter at the source of pollution (runoff tanks). PH measurements at the exit of the tank and at its confluence to the natural recipient showed that the PH of the waters of the natural recipient remains stable.

At the protection of the water resources framework, specialized risk assessment studies for the treatment of accidental pollution and the avoidance of pollution of ecologically sensitive wetlands of:

- Sperchios river

CENTRAL GREECE MOTORWAY (E-65)

- Kalentzi river
- Pinios river
- Reservoir of Smokovo
with oils or hazardous substances.

Also, in the protection of the water resources framework during the development of the project phase, a series of measures are taken, featuring the operation of oil removers, settling tanks, biological cleaning, chemical toilets, etc.

Finally, the use of hazardous substances is limited to the minimum required, as is the case with other substances that may alter the qualitative characteristics of the water sources.

4.3.6 Natural Environment

During the construction, the Construction J/V applies a special monitoring program for wildlife under the Environmental Terms of the Project. The results of the monitoring program are submitted quarterly to the Division of Environmental Planning of YPEKA.

It is noted that the monitoring program includes:

- A) The preparation of a new program by the J/V – E-65 (Contractor: NGO Callisto) during 2009 – 2010, for E-65 from CH. 43+000 – CH. 60+000 and
- B) Update of the proposals which had been expressed for E-65 from CH. 20+000 to CH. 47+000 approximately, in the framework of the “Monitoring Program of the wolf and the big mammals”, drawn up on 2005 - 2006 by ERGOSE for the project of the New rail line between Lianokladi RS - Domokos RS (Contractor: D. Argyropoulos, SSE EPE, GAMMA4 EPE and G. Giannatos with Callisto NGO as a special partner), due to the proximity of the two projects and their synergistic consequences. The update of the proposals for CH. 20+000 to CH. 43+000 was based on the data of ERGOSE program (2005 - 2006) as well on the new data (works and methods of field, results – analysis, literature reviews) resulted by the preparation of the E-65 J/V (2009 - 2010) program.

CENTRAL GREECE MOTORWAY (E-65)

Also, the monitoring program takes into consideration the data resulted by the preparation of corresponding programs in the broader area. Particularly in the north part of the area of the project, a relevant monitoring program of the wildlife has been developed (first phase) under Egnatia Odos SA responsibility. It has to be noted that the works in the north part of the project area didn't start yet, since the section is under suspension following the temporary order on behalf of the Council of State.

The ultimate goal of the above is the most comprehensive handling of the effects caused by the large infrastructure projects in the ecosystem (fauna) of the project area. Two most recognized non-governmental organizations, 'Arcturus' and 'Callisto' are also involved in the overall effort. The construction J/V has suspended the aforementioned programs, as part of the suspension of the works.

4.4 ENVIRONMENTAL ACCIDENT

There is a prediction for management and dealing with incidents of "fire in vegetation", as well as environmental accident, i.e. leakage of substances etc.

4.5 ENVIRONMENTAL COST

An overall table of financial data for the environmental protection projects that took place in 2013 is listed below.

α/α	EXPENSES FOR THE ENVIRONMENTAL PROTECTION	AMOUNT (€)
	<u>Personnel Expenses and other expenses</u>	
1.	Personnel expenses for the management of the environmental issues and the of the implementation of the Environmental Management System (EMS)	75.000,00
	Total	75.000,00

CENTRAL GREECE MOTORWAY (E-65)



It has to be noted that part of the environmental expenses are included in the payment of the subcontractors who take place in the construction of the project. It has also to be noted that the above table does not include expenses occurring from environmental obligations, such as modifications due to archaeological findings, realignments and enlargement of structures to facilitate fauna passing to facilitate fauna, etc., which are currently not estimated.

Compared to previous years, the expenses for the protection of the environment are reduced and this is due to the suspension of the works dated 02/2011.

4.6 NEXT YEAR ANTI-NOISE AND ENVIRONMENTAL PROTECTION PROJECTS

Anti-pollution and environmental protection projects that may take place in 2014 may include:

- Fauna crossing structures construction
- Construction of new anti-pollution sites, such as settling tanks, special waste storage, etc.
- Landscape studies elaboration
- Studies Network primary & secondary irrigation network green.
- Greenery Management/Maintenance works, planting works
- Continue and expand the program for monitoring wildlife
- Elaboration of special environmental studies for licensing any new required ancillary works
- Development of specific environmental studies resulting from E.T. (e.g. risk assessment studies)
- Preparation and submission of environmental studies for environmental licensing of changes - improvements to the basic design.
- Costs for monitoring E.T. implementation as part of the project environmental management plan implementation in the construction phase.
- Development of studies and construction of air pollution stations
- Construction of leaks reservoirs and retention basins in tunnels

CENTRAL GREECE MOTORWAY (E-65)



- Restoration of borrow pits/quarries