

## 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 2014.

### 1.1 DESCRIPTION OF THE PROJECT

**State:** Hellenic Republic

**Concessionaire:** CENTRAL GREECE MOTORWAY S.A.

**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 22,00 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
- 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
- Styliida – 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

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 –Thermopiles 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 Proastio I/C at CH. 97+000
- 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 Thermopiles 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)**

- 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.)
- 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 analysed 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:

<b>S/W</b>	<b>SECTION</b>	<b>Km.</b>
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
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:

<b>Optimization</b>	<b>Optimization Category</b>	<b>Section</b>	<b>Environmental Licensing</b>	<b>Ministerial Decision approving Optimization</b>
Typical Cross-section	Modification	0+000 - end	Submitted from 148+135 to the end	8938/30.10.2008
CH. 30	Modification	28+000 - 32+000	Re-submitted (24+500 – 31+212) Request the return of file no. 20359/24.11.14.	
CH. 48+000 – CH. 56+000	Modification	48+000 - 56+000	Sections 52+000 – 56+000 and 47+000 – 52+000 resubmitted and section 52+000 – 56+000 approved	2036/29.11.2010
Relocation of Kalampaka MSS CH. 132+000 to Trikala MSS CH. 117+000	Modification	117+000 & 132+000	Re-submission	
Loggos semi-junction	New object	105+980	Approved	2036/29.11.2010

Optimization	Optimization Category	Section	Environmental Licensing	Ministerial Decision approving Optimization
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	
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	Approved	
O/P CH. 68+500	New object	68+500	Approved	
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 10.50m to 13.00m	Modification	59+900	Approved	
Widening U/P G024 (Karditsomagoula – Ag. Triada -Proastio) from 10.50m to 13.00m.	Modification	96+013	Approved	
Changing cross-section width of 4 culverts	Modification	122+190	Approved	
		122+280	Approved	
Connecting branch towards Ksiniada I/C	New object	32+000	Submitted	A/6/00/01/01/20112/ 28.11.2013
Sofades I/C	Modification	71+600 - 72+200	Approved	
Karditsa I/C	Modification	79+500 - 81+500	Approved	

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	Approved	A214567/30.04.2009 (EOSA) A208744/09.03.2009

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

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. Decisions*
1 <sup>st</sup> Section	0+000	85+800	<ul style="list-style-type: none"> <li>Joint Ministerial Decision A.E.T. 144504/18.11.2005</li> <li>YPEKA Gen. Director decision. no. 167266/01.04.2013 (Amendment of JMD AET no. 144504/18.11.2005)</li> <li>MD 171820/01.04.2014 (Amendment of JMD AET no. 144504/18.11.2005)</li> <li>MD 173471/23.06.2014 (JMD A.E.T. no.144504/18.11.2005)</li> </ul>
2 <sup>nd</sup> Section	85+800	137+550	<ul style="list-style-type: none"> <li>Joint Ministerial Decision A.E.T. 145521/18.11.2005</li> <li>YPEKA Gen. Director decision with prot. no. 172041_26.11.2013 (JMD A.E.T. amendment 145521/18.11.2005)</li> </ul>

			<ul style="list-style-type: none"> <li>YPEKA Gen. Director decision with prot. no. 203583/04.12.2012 (Amendment of JMD A.E.T. no. 145521/18.11.2005)</li> </ul>
3 <sup>rd</sup> Section	137+550	175+000	<ul style="list-style-type: none"> <li>Joint Ministerial Decision A.E.T. 147014/18.11.2005</li> </ul>

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.

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**

This annual report covers the period from January 01, 2014 to December 31, 2014. 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 Effective Date was set for the 20<sup>th</sup> of December 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).

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.

### 2.1.1 Reporting period

- Delays in the construction of tolls in G.U. 15S/W due to non-expropriations in the construction sites of Mavromantila tolls.
- Failure removal to execute the works on the motorway from 38+850 to CH. 39+920 (1070m length of complication) at “Perivoli” due to discovery of old missiles during excavations. The J/V sent relevant letters to Domokos Police Station on 30.07.2014 and to the Concessionaire on 09.09.2014. The Minefield Clearance Battalion Personnel (M.C.B.P.) of the Greek Army replied and thus, an agreement was signed between the J/V and the M.C.B.P. concerning the clearance of the area from the missiles. The control-clearance works have been completed on 9.12.2014 according to the M.C.B.P. letter on 11.12.2014.
- Failure to execute the works on the motorway from CH. 108+400 to CH. 108+700 (300m length of complication) at “Antealakka” due to discovery of an area of uncontrolled waste disposal.
- At the reporting date of this report (31.12.2014) the main issues of the involved with the Public Utility Networks work are the following:

**TABLE OF HIGH-VOLTAGE FAULTS, DECEMBER 2014**

S/N	Implementation entity	CH.	Number of Pylons	Identification of Passage - Relocation	Remarks
<b>KSINIADA-TRIKALA SECTION</b>					
1	<b>Independent Power Transmission Operation</b>	29+700-31+000	3	Relocation within road zone	On 14.04.2014 the Independent Power Transmission Operation informs us on: 1. The requested relocations of its networks will be completed on semester B' of 2015 2. It undertakes the expense of the
2	<b>Independent Power Transmission Operation</b>	31+150-32+000	3	Relocation within Ksiniada I/C road zone	
3	<b>Independent Power Transmission Operation</b>	33+200	2	Passing over arterial road	

SN	Implementation entity	CH.	Number of Pylons	Identification of Passage - Relocation	Remarks
4	Independent Power Transmission Operation	35+100	2	Relocation of left pylon within road zone. Passing over arterial road	requested projects.
5	Independent Power Transmission Operation	37+550	2	Passing over motorway	
6	Independent Power Transmission Operation	38+150-38+350	2	Fault on the high-voltage network	
7	Independent Power Transmission Operation	110+100		Relocation within road zone and passing over arterial road A	
<b>Sub-total of faults</b>		<b>Pylons</b>	<b>14</b>	<b>Passages</b>	<b>3</b>
<b>Total</b>		<b>Pylons</b>	<b>14</b>	<b>Passages</b>	<b>3</b>

**TABLE OF LOW/AVERAGE-VOLTAGE PYLONS, DECEMBER 2014**

SN	Implementing Entity	CH.	Number of Pylons	Identification of Passage - Relocation	J/V prot. no.
<b>LOW/AVERAGE VOLTAGE/LIGHTING</b>					
<b>Skarfia Thermopiles PATHE</b>					
1	Lamia PPC	Mavromantila Frontal Toll Station CH. 0+379,79	1	Relocation	J/V Request on 14.07.2014.
<b>TOTAL of faults</b>			<b>1</b>		
<b>CH. 29+500 – CH. 111+000</b>					
2	Lamia PPC	30+000-44+000	40	Relocation	16025/21. 02. 2014

SN	Implementing Entity	CH.	Number of Pylons	Identification of Passage - Relocation	J/V prot. no.
3	Thessaly Region  Technical Services Division of Karditsa Prefecture	54+000	5	Relocation	15987/17. 02. 2014
<b>Sub-total of faults</b>		<b>45</b>			
<b>TOTAL OF FAULTS</b>		<b>46</b>			

#### TABLE OF *TELECOMMUNICATIONS - PUOS* FAULTS

A/A	Implementation Entity	CH.	Number of Pylons	Identification of Passage - Relocation	Remarks
<b>OTE</b>					
<b>CH. 29+500 – CH. 48+145</b>					
1	Lamia Hellenic Telecommunications Organisation (OTE) Body investigation is needed	32+850		Relocation of OTE underground network for irrigation	424/19. 09. 2008 Answered by 7312/18. 12. 2008 of the Municipality of Ksiniada (J/V 1185, 07. 01. 2009) Reference made on the networks' faults with the U/P E-65. Requesting from Egnatia to proceed with their relocation.

A/A	Implementation Entity	CH.	Number of Pylons	Identification Passage - Relocation	Remarks
2	Lamia Hellenic Telecommunications Organisation (OTE) Body investigation is needed	33+400-33+550		Relocation of OTE underground network for irrigation	424/19. 09. 2008 Answered by 7312/18. 12. 2008 of the Municipality of Ksiniada (J/V 1185, 07. 01. 2009) Reference made on the networks' faults with the U/P E-65. Requesting from Egnatia to proceed with their relocation.
3	Lamia Hellenic Telecommunications Organisation (OTE) Body investigation is needed	33+850-33+920		Relocation of OTE underground network for irrigation	424/19. 09. 2008 Answered by 7312/18. 12. 2008 of the Municipality of Ksiniada (J/V 1185, 07. 01. 2009) Reference made on the networks' faults with the U/P E-65. Requesting from Egnatia to proceed with their relocation.
4	Lamia Hellenic Telecommunications Organisation (OTE)	42+700-42+750		Relocation of OTE underground network	424/19. 09. 2008 Answered by 7312/18. 12. 2008 of the Municipality of Ksiniada (J/V 1185, 07. 01. 2009) Reference made on the networks' faults with the U/P E-65. Requesting from Egnatia to proceed with their relocation.

A/A	Implementation Entity	CH.	Number of Pylons	Identification Passage - Relocation	Remarks
<b>CH. 48+145 – CH. 111+000</b>					
5	Trikala Hellenic Telecommunications Organisation (OTE)	109+300-109+500		Relocation of OTE underground network	16571/09. 05. 2014 Reference made on the networks faults with the U/P E-65. Requesting from Egnatia to proceed with their relocation.
<b>OTE</b>					
<b>PATHE Skarfia – Thermopiles</b>					
6	Lamia Hellenic Telecommunications Organisation (OTE)	Skarfia Thermopiles PATHE Side Road SRD1	9	Relocation	16119/14.03.2014
7	Karditsa Hellenic Telecommunications Organisation (OTE)	75+915 VERTICAL ROAD KO21		Relocation of OTE underground network	442/19.09.2008 Answered by 582/13.10.2008  New application 16397/05.05.2014
<b>TOTAL</b>			<b>Pylons</b>	<b>9</b>	
<b>IRRIGATION</b>					
<b>CH. 29+500 – CH. 111+000</b>					

A/A	Implementation Entity	CH.	Number of Pylons	Identification Passage - Relocation	Remarks
8	Municipality of Ksiniada	31+450-32+000 affecting the branches of Ksiniada I/C		Relocation of irrigation network – water drainage control	424/19. 09. 2008 Answered by 7312/18. 12. 2008 of the Municipality of Ksiniada (J/V 1185, 07. 01. 2009) Reference made on the networks' faults with the U/P E-65. Requesting from Egnatia to proceed to their relocation.
9	Municipality of Thessaliotida	47+950-48+050 affecting the branches of Smokovo semi-junction		Relocation of irrigation network	421/19. 09. 2008 Answered by 7260/26. 09. 08 (J/V535, 08. 10. 08) of the Municipality of Thessaliotida. Mission of capturing the Municipality's networks

## 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.

Finally, it is noted that in 2014 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 2014 legislative work of YPEKA is set out in the table below.

**Table 2.2-1: YPEKA legislative work 2014**

Date	Number	Subject
<b><u>LAWS &amp; PRESIDENTIAL DECREES</u></b>		
09.01.2014	P.D. 4/2014 (OGG 9A/10.01.2014)	Establishment of General Secretariat for Waste-Management
30.07.2014	Law 4277/2014 (OGG 156A/01.08.2014)	Athens – Attica New Regulatory Plan and other provisions
08.08.2014	Law 4280/2014 (OGG 159A/08.08.2014)	Environmental upgrading and private urbanization - Sustainable development of settlements Regulations of forest legislation and other provisions.
28.08.2014	P.D. 100/2014 (OGG 167 <sup>A</sup> /28.08.2014)	Mission, structure, etc. YPEKA
<b><u>DECISIONS &amp; CIRCULARS</u></b>		

Date	Number	Subject
14.01.2014	JMD with prot. no. oik.145026 (OGG 31B'/14.01.2014)	Establishment, management and operation of the National Register of Water Supply Points from Surface and Underground Water Bodies.
15.01.2014	JMD with prot. no. oik.1649/45 (OGG 45B'/15.01.2014)	Specialization of the consultation procedures, the techniques to inform the public and the participation of the interested public in the public consultation against the Category A' environmental licensing of the projects and activities of the Minister of Environmental, Energy and Climate Change decision no. 1958/2012 (OGG A' 21).
27.01.2014	Decision no. oik.170225 (OGG 135B'/27.01.2014)	Specialization of the content of the files concerning the projects' environmental licensing and activities of Category A' of the Minister of Environment, Energy and Climate Change decision no. 1958/2012 (OGG A').
27.01.2014	MD no. Δ13/o/1096 (OGG 218B/04.02.2014)	Amendment of the JMD no. Δ13/O/121/4.1.2007 (OGG 53/B/2007) "Measures against gas emission and particulate pollutants from internal combustion engines to be installed in non-road mobile machinery in compliance with the provisions of Directive 97/68/EC as amended by the Council Directives 2001/63/EC, 2002/88/EC and 2004/26/EC of 17 August 2001, of December 9, 2002 and April 21, 2004 respectively" as amended.
08.05.2014	MD Η.Π. 23615/651/Ε.103 (OGG1184B/09.05.2014)	Determination of rules, terms and conditions for the alternative management of Waste Electrical and Electronic Equipment (WEEE), in compliance with the provisions of Directive 2012/19/EC "on waste electrical and electronic equipment (WEEE)" of the European Parliament and the Council of July 4, 2012 and other provisions.
23.06.2014	JMD no. 30651 (OGG 1817B'/02.07.2014)	Specialization of the specifications, of the way in which the procedures and licenses of the electronic access and information input are provided and maintained, as well as any necessary detail for the organization, implementation and operation of the Electronic Environmental Registry.
14.07.2014	M.D. 173829 (OGG 2036B/25.07.2014)	Amendment of decision no. 1958/2012 of the Minister of Environment, Energy and Climate Change.

Date	Number	Subject
17.09.2014	JMD no. οικ. 10432/1115/Φ.15/ (OGG 2604B/30.09.2014	Supplementing – Amending JMD no. 3137/191/Φ.15/2012 (1048/B) “Tallying activity categories of large and small-scale industries and activities generating power with nuisance degrees referred to urban ordinances”.
27.10.2014	JMD no. οικ. 146896 (OGG 2878B/27.10.2014)	Licence categories and implementation of water use projects. Procedure and terms of issue of licenses, content and validity and other related provisions.
04.12.2014	MD no. οικ. 56366/4351 (OGG 3339B/12.12.2014)	Determination of requirements (specifications) for processing works in the framework of mechanical - biological treatment of mixed municipal waste and determination of the features of the resulting materials according to their use, pursuant to subparagraph b' of paragraph 1, Article 38 of Law 4042/2012 (24/A)
01.09.2014	MD no. οικ. 174610 (OGG 2498B/19.09.2014)	Standard Environmental Commitments for projects and activities in category B' of group (12) “Special Projects and Activities”, s/n 6 “Mobile and Wireless Fixed Telephony Stations” of Annex XII of MD 1958/2012 (21/B), as applicable.
24.07.2014	MD no. οικ. 174072 (OGG 2138B/05.08.2014)	Standard Environmental Commitments for projects and activities of Class B', Group (12) “Special projects and activities” of Annex XII of ministerial decision no. 1958/2012 (OGG 21/B), as amended, and in particular for projects with s/n 9 stockpiling and transfer Areas of scrap metal or temporary stockpiling of lifecycle end vehicles and s/n 10 storage and transfer Areas of building materials which include bulk materials handling (sand, gravel, etc.)
24.12.2014	JMD no. Γ1 (d)/ ΓΠ οικ. 112203 (OGG 3504B/29.12.2014)	Amendment – completion of A5/2280/1983 (OGG 720/B/1983) Health Provision on “protection of waters used for water supply of the capital region from pollution and contamination”, as amended - filled with Health Provisions A5/3257/1984 (OGG 898/B/1984 and 56/B/1985), A5/5180/1988 (OGG 891/B/1988) and no. οικ.131835/5.12.2005 (OGG 1744/B/13.12.2005) joint ministerial decision.
31.12.2014	MD no. 118790/7487 (OGG 3632B/2014)	Determination of the type and the required data for the application of the Characterization Act issuance as well as the type, content and elements of the above Characterization Act and the Committee's decision on the objections against it.

### **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 and is under revision.

#### **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:

- 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.

#### **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 Project's environmental terms**

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 Onohonos 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 vr" (BP1N3)	Agia Paraskevi, Municipality of Lamia, Prefecture of Fthiotida	136998/05.03.2009	136998/28.07.2009	STIS approval

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments  (approval, re- submission- rejection, etc.)
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. "Pyrgaki – Kofinas" Borrow pit / disposal site (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. "Platana - Rema" Borrow pit (BP1N2)	Lygaria, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	136998/28.07.2009	STIS approval
6.	STIS. Borrow pit in "Magoula" position at Sperchios 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)	Kefalovrysso, Municipality of Faloria, Prefecture of Trikala	140546/04.06.2009	140546/29.07.2009	STIS approval
9.	STIS Review  "AERODROMIO" Borrow Pit  (BP6N1)	Kefalovrysso, Municipality of Faloria, Prefecture of Trikala	148761/18.12.2009	121188/29.01.2010	Approval of the revised STIS
10.	STIS. "Kioskia" Borrow Pit (BP4N1)	Municipality of Tamassi, Prefecture of Karditsa, Anavra	143395/10-08-2009	143395/02-09-2009	STIS approval
11.	STIS. "Geladaria" Borrow Pit (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

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments  (approval, re-submission-rejection, etc.)
					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  Resubmission 14076/16.06.2011 (J/V No.)	14693/  10.11.2011	STIS approval
16.	STIS. Borrow Pit in "Vrontaria" Position (BP6N2)	Fiki, Municipality of Pialia, 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 Lamia (IS1N4)	Stavros, Municipality of Lamia, Prefecture of Fthiotida	144259/11.09.2009	144259/17.11.2009	STIS approval
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 Sellana, 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

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission- rejection, etc.)
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
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)	Makrirachi, Municipality of Ksiniada, Prefecture of Fthiotida	204542/ 27.10.2011  STIS submission 15481/21.12.2012 (J/V prot. no.) EIS submission	MD 171820/01.04.2014	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.  EIS 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

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments  (approval, re-submission-rejection, etc.)
					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
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	MD 171820/01.04.2014	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.  EIS approved
37.	EIS. Borrow pit at "Kokkalitsa", Makrirachi settlement, Prefecture of Fthiotida (BP3N6)	Makrirachi, Municipality of Domokos, Prefecture of Fthiotida	18752/18.06.2014 EIS Submission	---	Expected to be approved
38.	TEPEM (Technical Environmental Study) of Trikala worksite at 7 <sup>th</sup> km of NR Trikala - Karditsa	Megala Kalyvia, Municipality of Trikaia, Prefecture of Trikala	20292/10.11.2014 TEPEM (Technical Environmental Study) Submission	---	Expected to be approved

Within 2015, 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 Construction 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
- Regional Section of Karditsa
- Regional Section of Trikala
- Regional Section of Grevena
- etc.

The relevant correspondence is presented below

1. Our J/V informed the Forestry of Trikala on the recommencement of the works and requested for the alerting of the Forestry to remove the existing trees in Pinios River (21.01.2014).
2. Our J/V, within the framework of the recommencement of the works, applied to the Forestry of Karditsa for the extraordinary beneficial use 9 acres of the area of CH. 54+000 (21.01.2014).
3. Our J/V informed the Forestry of Karditsa on the recommencement of the works and requested for the alerting of the Forestry to remove the existing trees in the area of Pinios River (23.01.2014).
4. Our J/V, within the framework of the environmental design, in accordance with Article 6 of Law 4014/2011, as for the amendments in CH. 31+000 – CH. 85800,
  - Requested for the 19<sup>th</sup> EIS relevant opinion (J/V prot. no. 15883/ 27.01.2014)
  - Requested for the 24<sup>th</sup> EIS relevant opinion (27.01.2014)
  - Requested for the Karditsa Forestry opinion (27.01.2014)
  - Requested for the Lamia Forestry opinion (27.01.2014)
  - Requested for the ΙΔ Ephorate of Prehistoric and Classical Antiquities opinion (27.01.2014)

- Requested for the ΙΔ Ephorate of Prehistoric and Classical Antiquities opinion (27.01.2014)
  - Requested for the Thessaly Service of Modern Monuments opinion (27.01.2014)
  - Requested for the Thessaly Service of Modern Monuments opinion (27.01.2014)
5. Our J/V informed the 24<sup>th</sup> EIS on the recommencement of the works and requested for the duly alerting of the Service given that the immediate commencement of the works in CH. 32+500 – CH. 41+000 (29.01.2014) is in sight.
  6. Our J/V informed the ΙΔ Ephorate of Prehistoric and Classical Antiquities on the recommencement of the works and requested for the duly alerting of the Service given that the immediate commencement of the works in CH. 32+500 – CH. 41+000 (29.01.2014) is in sight.
  7. Our J/V requested the opinion of the Lamia Forestry on the creation of a borrow pit for aggregates in “Kokkalitsa”, at Makrirachi, Prefecture of Fthiotida (code BP3N6) (07.02.2014).
  8. Our J/V requested the opinion of the 24<sup>th</sup> EIS on the creation of a borrow pit for aggregates in “Kokkalitsa”, at Makrirachi, Prefecture of Fthiotida (code BP3N6) (07.02.2014).
  9. Our J/V requested the opinion of the ΙΔ Ephorate of Prehistoric and Classical Antiquities on the creation of a borrow pit for aggregates in “Kokkalitsa”, at Makrirachi, Prefecture of Fthiotida (code BP3N6) (07.02.2014).
  10. In response to our J/V’s request dated 27.01.2014, ΙΔ Ephorate of Prehistoric and Classical Antiquities submitted a positive opinion on the construction of the motorway, CH. 31+000 – CH. 39+000 section (10.02.2014).
  11. In response to our J/V’s request dated 27.01.2014, the 19<sup>th</sup> EIS submitted a positive opinion on the construction of the motorway, CH. 39+000 – CH. 47+000 and CH. 52+000 – CH. 85+800 sections (10.02.2014).

12. In response to our J/V's request dated 27.01.2014, ΑΔ Ephorate of Prehistoric and Classical Antiquities submitted a positive opinion on the construction of the motorway, CH. 39+000 – CH. 47+000 and CH. 52+000 – CH. 85+800 sections (10.02.2014).
13. Environmental Report submission in accordance with Article 6 of Law 4014/2011 on the determination of the environmental licensing of the final design of the Central Greece Motorway (E65) in Lamia – Makrihori section (JMD Environmental Terms Approval 144504/18.11.2005), CH. 31+212 – CH. 85+800 subsection (excluding CH. 47+313 – CH. 51+843) from our J/V to the Concessionaire (18.02.2014).
14. In response to our J/V's request dated 27.01.2014, the Lamia Forestry requested for the submission of additional information, in order to submit an opinion on the construction of the motorway, CH. 31+000 – CH. 39+000 section (20.02.2014).
15. In response to our J/V's request dated 27.01.2014, the 24<sup>th</sup> EIS submitted a positive opinion on the construction of the motorway, CH. 31+000 – CH. 39+000 section (20.02.2014).
16. In response to our J/V's request, the Thessaly Service of Modern Monuments submitted a positive opinion on the construction of the motorway, CH. 39+000 – CH. 47+000 and 52+000 – 85+800 sections (24.02.2014).
17. In response to our J/V's request dated 27.01.2014, the Thessaly Service of Modern Monuments submitted a positive opinion on the construction of the motorway, CH. 31+000 – CH. 39+000 (24.02.2014).
18. Our J/V submitted to the Forestry of Lamia a characterization act on the area of the suggested borrow pit for aggregates in "Kokkalitsa", at Makrirachi, Prefecture of Fthiotida (code BP3N6) (28.02.2014).
19. In response to our J/V's request dated 07.02.2014, the 24<sup>th</sup> EIS submitted a positive opinion on the construction of the borrow pit for aggregates in 'Kokkalitsa', at Makrirachi, Prefecture of Fthiotida (code BP3N6) (28.02.2014).

20. In response to our J/V's request dated 21.01.2014 to the Forestry of Trikala, the logging in the area of Pinios River (20.02.2014) has been approved as an extraordinary beneficial use.
21. In response to our J/V's request dated 23.01.2014 to the Forestry of Karditsa, the logging in the area of Pinios River (27.02.2014) has been approved as an extraordinary beneficial use.
22. Our J/V requested the Concessionaire to issue a Certificate of additional site Necessity (CON) (quarry for aggregate material) in "Kokkalitsa", at Makrirachi, Prefecture of Fthiotida for the Project construction needs (Makrirachi Borrow Pit 2 – code BP3N6) (05.03.2014).
23. Following our J/V's request dated 07.02.2014, the J/V requested once again the opinion of the 24<sup>th</sup> EIS on the creation of a borrow pit for aggregates in "Kokkalitsa", at Makrirachi, Prefecture of Fthiotida, with updated limits (code BP3N6) (12.03.2014).
24. In response to our J/V's request dated 07.02.2014, the 24<sup>th</sup> EIS submitted a positive opinion with prot. no. 471/27.02.2014 (12.03.2014).
25. In response to our J/V's request dated 05.03.2014 sent to the Concessionaire, the Independent Engineer issued a Certificate of additional site Necessity (CON) (quarry for aggregate material) in "Kokkalitsa", at Makrirachi, Prefecture of Fthiotida for the Project construction needs (Makrirachi Borrow Pit 2 – code BP3N6) (12.03.2014).
26. Our J/V requested the conclusion of a lease agreement with the Municipality of Pyli for the borrow pit area in "Vrontaria", Municipality of Pyli, Prefecture of Trikala (code BP6N2) (12.03.2014).
27. Following our J/V's request dated 27.01.2014, submitted to the 19<sup>th</sup> EIS for an opinion concerning the modification of the Central Greece Motorway E65 alignment, from 39+000 to 47+000 and 52+000 to 85+800, our J/V sent the updated designs. The new designs/plans updates refer only to the addition of Operating Infrastructure Sites along the project, and to the addition of sites for which our J/V

suggests their restoration through material embankment (disposal pits) in accordance with the provisions of Article 7 of Law 4014/2011 (OGG 209A/2011) (20.03.2014).

28. Following our J/V's request dated 27.01.2014, submitted to the ΛΔ Ephorate of Prehistoric and Classical Antiquities for an opinion concerning the modification of the Central Greece Motorway E65 alignment, from CH. 39+000 to CH. 47+000 and from CH. 52+000 to CH. 85+800, the J/V sent the updated designs. The new designs/plans updates refer only to the addition of Operating Infrastructure Sites along the project, and to the addition of sites for which our J/V suggests their restoration through material embankments (disposal pits) pursuant to the provisions of Article 7 of Law 4014/2011 (OGG 209A/2011) (20.03.2014).
29. Following our J/V's request dated 27.01.2014, submitted to the ΛΔ Ephorate of Prehistoric and Classical Antiquities for an opinion concerning the modification of the Central Greece Motorway E65 alignment, from CH. 39+000 to CH. 47+000 and from CH. 52+000 to CH. 85+800, the J/V sent the updated designs. The new designs/plans updates refer only to the addition of Operating Infrastructure Sites along the project and to the addition of sites for which our J/V suggests their restoration through material embankments (disposal pits) pursuant to the provisions of Article 7 of Law 4014/2011 (OGG 209A/2011) (20.03.2014).
30. Our J/V requested the Directorate for Development of Trikala for the extension of the licensing in "Aerodromio", at the Municipal District of Kefalovryssos, Prefecture of Trikala (BP6N1) (20.03.2014).
31. Our J/V requested the Directorate of Technical Control of the Decentralized administration of the Region of Thessaly and Central Greece, the direct leasing of the area in order for a borrow pit to be created in "Kokkalitsa", at Makrirachi, Prefecture of Fthiotida (BP3N6) (31.03.2014).
32. In response to our J/V's request dated 20.03.2014, submitted to the Directorate of Development of Trikala for the extension of the operating

license of the borrow pit in “Aerodromio”, at the Municipal District of Kefalovryssos, Prefecture of Trikala (BP6N1), the Directorate for Development of Trikala requested the submission of supporting documentation (31.03.2014).

33. Following letter with prot. no. ΥΠΠΟΑ/ΓΔΑΠΚ/ΔΙΠΚΑ/ΤΑΧ/68220/42007/4210/1665/14.03.2014, the Coordinating & Monitoring Office of Archaeological Works, within the framework of Major Projects of the Ministry of Culture and Sports, submitted a positive opinion on our J/V's requests submitted to the 24<sup>th</sup> EIS (27.01.2014) and the ΙΔ Ephorate of Prehistoric and Classical Antiquities (27.01.2014), concerning the modification of the motorway alignment, section CH. 31+000 – CH. 39+000 (01.04.2014).
34. In response to our J/V's submission dated 18.02.2014 – Submission of Environmental Report pursuant to Article 6 of Law 4014/2011, concerning the determination of the environmental licensing procedures of the final design of Central Greece Motorway (E65) in Lamia – Makrihori section (JMD ETA 144504/18.11.2005), subsection CH. 31+212 – CH. 85+800 (excluding section CH. 47+313 – CH. 51+843) – ΕΥΡΕ/ΥΡΕΚΑ, requested the submission of the Modification File in 6 copies (01.04.2014).
35. In response to our request dated 20.03.2014, submitted to the ΙΔ Ephorate of Prehistoric and Classical Antiquities concerning the opinion of the modification of the Central Greece Motorway E65 alignment, from CH. 39+000 to 47+000 and from 52+000 to CH. 85+800, the ΙΔ Ephorate of Prehistoric and Classical Antiquities submitted its positive opinion with prot. no. 840/27.03.2014 (03.04.2014).
36. In response to our request dated 20.03.2014 to the 19<sup>th</sup> EIS concerning the opinion of the modification of the Central Greece Motorway E65 alignment, from CH. 39+000 to 47+000 and from 52+000 to CH. 85+800, the 19<sup>th</sup> EIS submitted its positive opinion with prot. no. 777/27.03.2014 (03.04.2014).

37. Following EYPE/YPEKA letter dated 24.03.2014 (see p. 34 above), our J/V submitted six copies of the Modification File, pursuant to Article 6 of Law 4014/2011, on the environmental licensing of the modifications on sections CH. 31+212 – CH. 85+800 of the project (CH. 47+313 – CH. 51+843) (03.04.2014).
38. In response to our request dated 20.03.2014, submitted to Thessaly Service of Modern Monuments for the opinion concerning the modification of the Central Greece Motorway E65 alignment, for sections from CH. 39+00 to CH. 47+000 and from CH. 52+000 to CH. 85+800, the Service of Modern Monuments submitted its positive opinion with prot. no. 452/28.03.2014 (03.04.2014).
39. Following our J/V's submission dated 03.04.2014 (see p. 37 above), our J/V submitted additionally the positive opinions of the competent archaeological services:
- 19<sup>th</sup> Ephorate of Byzantine Antiquities
  - 24<sup>th</sup> Ephorate of Byzantine Antiquities
  - ΑΔ Ephorate of Prehistoric and Classical Antiquities
  - ΙΔ Ephorate of Prehistoric and Classical Antiquities
  - Thessaly Service of Modern Monuments (03.04.2014)
40. Following our request dated 12.03.2014, submitted to the Municipality of Pyli for the conclusion of the lease agreement between the Municipality of Pyli and our J/V concerning the borrow pit in "Vrontaria", Municipality of Pyli, Prefecture of Trikala (code BP6N2), the Municipality of Pyli informed us that our request was included in the agenda of the 5<sup>th</sup>/2014 meeting to be held on 11.04.2014 (09.04.2014).
41. Following our request dated 28.02.2014, submitted to the Forestry of Lamia for the issuance of a characterization act for the creation of an aggregate material borrow pit in "Kokkalitsa", at Makrirachi, Prefecture of Fthiotida (code BP3N6), the Forestry of Lamia issued a Characterization Act no. 1783/61052/02.04.2015 for the said area (10.04.2014).
42. Our J/V submitted an amending Annex to the YPEKA Directorate of Marbles and Aggregate Materials for approval regarding the time

schedule of the approved Technical Design for Use of loose aggregate material Quarry – Borrow Pit in “Aerodromio”, at Faloria, Prefecture of Trikala (BP6N1) (14.04.2014).

43. EYPE/YPEKA prot. no. 172111/11.04.2014 submitted our letter dated 01.04.2014 (see p. 34 above) to the YPEKA Directorate of Aesthetic Forests, National Parks and Game Management for opinion, and to the Secretariats of Thessaly and Central Greece Regional Boards for publication (15.04.2014)
44. In response to our request dated 31.03.2014, submitted to the Directorate of Technical Control of the Decentralized administration of the Region of Thessaly and Central Greece, for the direct leasing of the area in order for a borrow pit in “Kokkalitsa”, Community of Makrirachi, Prefecture of Fthiotida (BP3N6) to be created, the above service requested the competent services to give an opinion (16.04.2014).
45. Following our requests dated 07.02.2014, submitted to the 24<sup>th</sup> EIS and the ΙΔ Ephorate of Prehistoric and Classical Antiquities, the Coordinating & Monitoring Office of Archaeological Works in the framework of the Major Projects of the ministry of Culture submitted a positive opinion, with prot. no. ΥΠΠΟΑ/ΓΔΑΠΚ/ΔΙΠΚΑ/ΤΑΧ/100157/60125/6194/2405/17.04.2014, concerning the creation of the borrow pit in “Kokkalitsa”, Community of Makrirachi, Prefecture of Fthiotida (BP3N6) (22.04.2014).
46. In response to our submission dated 14.04.2014 to the YPEKA Directorate of Quarries, Marbles and Aggregate Materials, as regards the approval of the amending Annex concerning the time schedule of the approved Technical Design for use of loose aggregate materials quarries – borrow pit, in ‘Aerodromio’, at Faloria, Prefecture of Trikala (BP6N1), the aforementioned service - in order to proceed to the approval of the amending Annex requested - with prot. no. Δ10-Β/Φ.45.11/6973/1567/23.04.2014 - the submission of the relevant documentation evidencing the State’s rights (24.04.2014).
47. In response to the letter no. Δ10-Β/Φ.45.11/6973/1567/23.04.2014 of the YPEKA Directorate of Quarries, Marbles and Aggregate Materials

- (see p. 46 above), our J/V submitted the necessary documentation evidencing the State's rights (28.04.2014).
48. Submission of Environmental Impact Design for CH. 47+313 – CH. 52+840 (28.04.2014).
49. Submission of Activity Declaration for the use of Aggregates quarry – Borrow pit in “Geladaria”, Anavra Local Community, Municipal Community of Tamassi, Municipality of Sofades, Prefecture of Karditsa (pursuant to Article 13, Law 1428/84) for 2013 – Inactivity Declaration (29.04.2014).
50. Submission of Activity Declaration for the use of Aggregates quarry – Borrow pit in “Kioska”, Anavra Local Community, Municipal Community of Tamassi, Municipality of Sofades, Prefecture of Karditsa (pursuant to Article 13, Law 1428/84) for 2013 – Inactivity Declaration (29.04.2014).
51. Submission of Activity Declaration for the use of Aggregates quarry – Borrow pit in “Aerodromio” or “Potamia”, Kefalovryso Local Community, Municipal Community of Faloria, Municipality of Trikkaia, Prefecture of Trikala (pursuant to Article 13, Law 1428/84) for 2013 – Inactivity Declaration (29.04.2014).
52. Submission of Activity Declaration for the use of Aggregates quarry – Borrow pit in “Kalamaki Vryssi”, Agia Paraskevi Local Community, Municipality of Lamia, Prefecture of Fthiotida (pursuant to Article 13, Law 1428/84) for 2013 – Inactivity Declaration (29.04.2014).
53. Following letter no. 624/25.04.2014 sent to the Directorate of Technical Control of the Decentralized administration of the Region of Thessaly and Central Greece, the Service of Modern Monuments and Technical Projects of Thessaly gave positive opinion on the use of the quarry - borrow pit area in “Kokkalitsa, Local Community of Makrirachi, Regional Unit of Ksiniada, and Municipality of Domokos (BP3N6) (02.05.2014).
54. Following our J/V request dated 14.04.2014 and our J/V's letter dated 28.04.2014, the YPEKA Directorate of Quarries, Marbles and Aggregate Materials approved, with prot. no. Δ10-

B/Φ.45.11/7538/1777/30.04.2014 (ADA: BI0E0-4ΨM) decision, an amending Annex concerning the time schedule of the approved Technical Design for the working of quarried loose aggregate materials - Borrow Pit, in “Aerodromio”, at Faloria, Prefecture of Trikala (BP6N1) (06.05.2014).

55. Following letter with prot. no. Region of Lamia/290/23.04.2014 sent to the Technical Control Directorate of the Decentralized Administration of Thessaly – Central Greece, the HELLENIC ELECTRICITY DISTRIBUTION NETWORK OPERATOR S.A./Directorate of Central Greece Regional/Region of Lamia gave a positive opinion on the use of the quarry – borrow pit in “Kokkalitsa”, Local Community of Makrirachi, District Communal of Ksiniada, Municipality of Domokos (BP3N6) (06.05.2014).
56. Following letter with prot. no. 748/29.04.2014, the 24<sup>th</sup> EIS gave a positive opinion on the use of the quarry – borrow pit in “Kokkalitsa”, Local Community of Makrirachi, District Communal of Ksiniada, Municipality of Domokos (BP 3N6) (12.05.2014).
57. Following letter with prot. no. 9702/02.05.2014, the Municipality of Pyli sent an extract of the 5<sup>th</sup>/11.04.2014 BoD regular session including its decision no. 147/2014, whereby it was decided to postpone the debate on our J/V's request dated 12.03.2014 on the signing of the lease of the “Vrontaria” municipal land for its use as a borrow pit (BP6N2) (13.05.2014).
58. Submission of request of extraordinary beneficial use to the Forestry of Lamia, on the construction of the structure 46.2A in CH. 46+753 (14.05.2014).
59. Following letter with prot. no. EMNE/Φ.23.32/1430/16.05.2014 submitted to the Directorate for Technical Control of Thessaly – Central Greece, the Decentralized Administration gave a positive opinion on the use of the quarry – borrow pit in “Kokkalitsa”, Local Community of Makrirachi, Municipal Community of Ksiniada, Municipality of Domokos (BP 3N6) (23.05.2014).

60. Following the characterization act no. 1783/61052/02.04.2014 of the Forestry of Lamia for the borrow pit area in “Kokkalitsa”, Local Community of Makrirachi, Municipal Community of Ksiniada, Municipality of Domokos (BP 3N6), our J/V submitted a request for a finality decision of the above characterization act of the Forestry of Lamia (29.05.2014).
61. Submission of the Environmental Terms Amendment File of Central Greece Motorway (E65) in Lamia – Makrihori Section (JMD EIA 144504/18.11.2005), for the environmental licensing of CH. 24+500 – CH. 31+212 subsection (30.05.2014).
62. Following letter with prot. no. 45628/3391/22.05.2014 sent to the Directorate for Technical Control of the Thessaly – Central Greece Decentralized Administration, the Structures and Environment department of Fthiotida gave a positive opinion concerning the use of the quarry – borrow pit in “Kokkalitsa”, Local Community of Makrirachi, Municipal Community of Ksiniada, Municipality of Domokos, (BP 3N6) (30.05.2014).
63. J/V’s request to the Forestry of Karditsa for a characterization act concerning the occupied section of the motorway, CH. 47+313 – CH. 52+840 (17.06.2014).
64. J/V’s request to the competent archaeological services (ΛΔ ΕΠΚΑ, 19<sup>th</sup> EBA and Service of Modern Monuments of Thessaly) for opinion concerning the modifications of the project in CH. 47+313 – CH. 52+840 section (17.06.2014).
65. EIS submission for the suggested borrow pit for aggregates in “Kokkalitsa”, settlement of Makrirachi, Prefecture of Fthiotida (code BP 3N6) (18.06.2014).
66. EIS submission for the MSS transportation from CH. 131+475 to CH. 132+420 (Kalampaka) section in CH. 115+100 – CH. 118+043,16 (Raksa of Trikala) (27.06.2014).
67. J/V’s request to the Forestry of Karditsa for extraordinary beneficial use of land of 168 acres at CH. 52+590 – CH. 53+870 (01.07.2014).

68. On 30.06.2014 the Concessionaire forwarded our J/V's EIS submission no. 19067\_CC-X-CO-T000N\_EM-sk\_27.06.2014 sent to SSPW A & IO CP for the relocation of the MSS from CH. 131+475 – CH. 132+420 (Kalampaka) at CH. 115+100 – CH. 118+043,16 (Raksa Trikala) (02.07.2014).
69. In response to our request dated 17.06.2014 for opinion concerning the modifications of the project at CH. 47+313 – CH. 52+840, the 19<sup>th</sup> EBA submitted its positive opinion (03.07.2014) with prot. no. 1960/30.06.2014.
70. In response to our request dated 17.06.2014 for opinion concerning the modifications of the project at CH. 47+313 – CH. 52+840, the ΑΔ' ΕΚΠΑ submitted its positive opinion (04.07.2014) with prot. no. 1753/26.06.2014.
71. Submission to the Forestry of Karditsa:
- A. Minister of Environment, Energy and Climate Change decision no. 173471/27.06.2014 (ΑΔΑ: Ψ4ΠΒ0 – Ξ3Ψ) entitled “Amendment of JMD EIS no. 144504/18.11.2005 for the construction and operation of the project: Central Greece road axle (E65): Makrihori – Lamia Section (as amended and in force) as regards the differentiations from the finalization of the basic design of the road axle at CH. 31+212 to CH. 85+800 (apart from section CH. 47+313 to CH. 51+483)” and
  - B. A copy of the approved Amendment File of the Environmental Terms accompanying the above M.D.
72. Submission to the Forestry of Karditsa:
- A. Minister of Environment, Energy and Climate Change decision no. 173471/27.06.2014 (ΑΔΑ: Ψ4ΠΒ0 – Ξ3Ψ) entitled “Amendment of JMD EIS no. 144504/18.11.2005 for the construction and operation of the project: Central Greece road axle (E65): Makrihori – Lamia Section (as amended and in force) as regards the differentiations from the finalization of the basic design of the road axle at CH. 31+212 to CH. 85+800 (apart from section CH. 47+313 to CH. 51+483)” and

- B. A copy of the approved Amendment File of the Environmental Terms accompanying the above M.D. (07.07.2014).
73. In response to our request dated 17.06.2014 for opinion concerning the modifications of the project at CH. 47+313 – CH. 52+840, the EMNE & TE of Thessaly submitted its positive opinion (08.07.2014) with prot. no. 1139/27.06.2014.
74. Following the EIS submitted on 28.04.2014 by our J/V on the modifications of the project at CH. 47+313 – CH. 52+840, our J/V submitted the positive opinions received by the archaeological services to EYPE/YPEKA (EMNE&TE of Thessaly, 19<sup>th</sup> EBA and ΛΔ' ΕΠΚΑ), (09.07.2014).
75. Following request no. 789/67871/09.04.2014 of the Directorate of Technical Inspection of Decentralized Administration of Thessaly – Central Greece, the Coordination & Monitoring Office of Archaeological Works in relation to the Major Projects of the Ministry of Culture and Sports no. ΥΠΠΟΑ /ΓΔΑΠΚ /ΔΙΠΚΑ /ΤΑΧ /168637 /100265 /10717 /4171/02.07.2014, gave its positive opinion as regards the construction/lease of a borrow pit for aggregates of a total area of 83.140,28 m<sup>2</sup> in “Kokkalitsa”, Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (10.07.2014)
76. Following the EIS submitted on 18.06.2014 by our J/V on the construction of borrow pit for aggregates of a total area of 83.140,28 m<sup>2</sup> in “Kokkalitsa”, Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6), our J/V submitted to EYPE/YPEKA the positive opinions of the competent archaeological services (15.07.2014).
77. On 15.07.2014 the Concessionaire transmitted:
- A. the Minister of Environment, Energy and Climate Change decision no. 173471/27.06.2014 (ΑΔΑ: Ψ4ΠΒ0 – Ξ3Ψ) entitled “Amendment of JMD EIS no. 144504/18.11.2005 for the construction and operation of the project: Central Greece road axle (E65): Makrihori – Lamia Section (as amended and in force) as regards the differentiations resulting from the finalization of the basic design of

the road axle at CH. 31+212 to CH. 85+800 (apart from section CH. 47+313 to CH. 51+483)” and

B. A copy of the approved Amendment File of the Environmental Terms accompanying the above M.D. (17.07.2014)

78. Following:

A. the EIS dated 28.04.2014 submitted by our J/V regarding the modifications of the project at CH. 47+313 – CH. 52+840 and

B. the EIS dated 18.04.2014 submitted by our J/V for the construction of a borrow pit for aggregates of a total area of 83.140,28 m<sup>2</sup> in “Kokkalitsa”, Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6),

our J/V submitted to SSPW A & IO CP5 extra copies of the above EISs (17.07.2014).

79. SSPW A & IO CP transmitted with prot. no. A/6/00a/01/24/23970/16.07.2014 to the Concessionaire:

A. the Minister of Environment, Energy and Climate Change decision no. 173471/27.06.2014 (ΑΔΑ: Ψ4ΠΒ0 – Ξ3Ψ) entitled “Amendment of JMD EIS no. 144504/18.11.2005 for the construction and operation of the project: Central Greece road axle (E65): Makrihori – Lamia Section (as amended and in force) as regards the differentiations resulting from the finalization of the basic design of the road axle at CH. 31+212 to CH. 85+800 (apart from section CH. 47+313 to CH. 51+483)” and

B. A copy of the approved Amendment File of the Environmental Terms accompanying the above M.D. (18.07.2014)

80. SSPW A & IO CP requested, with no. A/6/00a/08/24/24110/16.07.2014, the Concessionaire to submit 5 extra copies of the:

A. EIS for the modifications of the project at CH. 47+313 – CH. 52+840 and

B. EIS for the construction of a borrow pit for aggregates of a total area of 83.140,28 m<sup>2</sup> in “Kokkalitsa”, Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (23.07.2014).

81. Following our J/V's letter dated 17.07.2014, the Concessionaire transmitted the remaining 5 extra copies to SSPW A & IO CP on 18.07.2014:
- A. EIS for the modifications of the project at CH. 47+313 – CH. 52+840 and
  - B. EIS for the construction of a borrow pit for aggregates materials of a total area of 83.140,28 m<sup>2</sup> in "Kokkalitsa", Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (23.07.2014).
82. On 21.07.2014 the Concessionaire informed us that SSPW A & IO CP transmitted, with prot. no. A/6/00/08/24/23784/07.07.2014, the EIS submitted by our J/V on 18.06.2014 to EYPE/YPEKA for the construction of a borrow pit for aggregates of a total area of 83.140,28m<sup>2</sup> in "Kokkalitsa", Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (24.07.2014).
83. On 21.07.2014 the Concessionaire informed us that SSPW A & IO CP transmitted, with prot. no. A/6/00a/08/24/23001/30.06.2014, the EIS submitted by our J/V on 28.06.2014 to EYPE/YPEKA for the modifications of the project at CH. 47+313 – CH. 52+840 (24.07.2014).
84. Following our J/V's submission dated 17.07.2014, SSPW A & IO CP transmitted, with prot. no. A/6/00a/08/24/24182/18.07.2014, the 5 extra following copies to EYPE/YPEKA:
- A. EIS for the modifications of the project at CH. 47+313 – CH. 52+840 and
  - B. EIS for the construction of borrow pit for aggregates of a total area of 83.140,28 m<sup>2</sup> in "Kokkalitsa", Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (25.07.2014).
85. The Forestry of Lamia issued, with letter no. 3996/140176/21.07.2014, a certificate of finality of the Characterization Act no. 1783/61052/02.04.2014 of the land area of the borrow pit for aggregates of a total area of 83.140,28 m<sup>2</sup> in "Kokkalitsa", Makrirachi, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (25.07.2014).

86. Elaboration and submission to the Directorate of Marble Quarries & Aggregate Materials, of the Technical Study for the operation of a borrow pit for aggregates in “Kokkalitsa”, Municipality of Domokos, Prefecture of Fthiotida (code BP3N6) (04.08.2014).
87. Elaboration and submission to the Concessionaire, of the Environmental Assessment Study for the Improvement of the connecting road of Lamia – Karditsa National Road with the Central Greece Motorway in Ksiniada I/C (04.08.2014).
88. On 06.08.2014, the Concessionaire forwarded the EIS submitted by our J/V on 04.08.2014 to EYDE D-C A & IO CP for the Improvement of the connecting road of Lamia – Karditsa National Road with the Central Greece Motorway in Ksiniada I/C (11.08.2014).
89. On 20.08.2014, the Concessionaire informed us that EYDE D-C A & IO CP transmitted, with prot. no. A/6/00a/08/24/23644/08.08.2014, to the Decentralized Administration of Thessaly and Central Greece, our J/V’s submission dated 30.05.2014 of the Environmental Terms Amendment file of Central Greece Motorway (E65) in Lamia – Makrihori (JMD ETA 144504/18.11.2005), concerning the environmental licensing of the subsection CH. 24+500 – CH. 31+212 (25.08.2014).
90. In response to EYPE/YPEKA request no. 174180/30.07.2014, concerning the EIS of the quarry in “Kokkalitsa”, Municipality of Makrirachi, Prefecture of Fthiotida (code BP3N6), the Directorate of Marble Quarries & Aggregate Materials of YPEKA sent its positive opinion (01.09.2014).
91. Our J/V informed the Forestry of Lamia on the approved, with prot. no. oik. 173471/27.06.2014, EYPE/YPEKA Environmental Terms amendment file of CH. 32+212 – CH. 85+800, section CH. 47+313 – CH. 52+840 excluded (02.09.2014).
92. EYPE/YPEKA forwarded, with prot. no. 174180/30.07.2014, the EIS of the quarry in “Kokkalitsa”, Makrirachi, Prefecture of Fthiotida (code BP3N6) to the competent departments for public consultation (08.09.2014).

93. EYPE/YPEKA forwarded, with prot. no. 174179/30.07.2014, the EIS of the quarry in “Kokkalitsa”, Makririachi, Prefecture of Fthiotida (code BP3N6) to the competent departments for public consultation (08.09.2014).
94. Our J/V requested the Forestry of Karditsa to acknowledge the nature of ownership of the already extracted and inactive region at “Aploma”, Municipal District of Ktimeni, Municipality of Tamassi, Prefecture of Karditsa (code DS4N2) (10.09.2014).
95. Our J/V requested the opinion of the Coordination and Monitoring Office of Archaeological Works in the framework of Major Projects, the 24<sup>th</sup> EBA, the ΙΔ Ephorate of Prehistoric and Classical Antiquities (EPKA) and the Service of Modern Monuments and Technical Works of Thessaly, as regards the improvement of the road connecting the Lamia – Karditsa NR with Central Greece Motorway (12.09.2014).
96. Our J/V requested the Forestry of Karditsa to acknowledge the nature of ownership of an area covering 41.197,94 m<sup>2</sup>, for the creation of a permanent disposal pit, at “Taverna”, Municipal District of Ktimeni, Municipality of Sofades, Prefecture of Karditsa (16.09.2014).
97. Our J/V requested the Forestry of Karditsa to acknowledge the nature of ownership of an already extracted and inactive area at “Leimani”, Municipal District of Kedros, Municipality of Sofades, Prefecture of Karditsa (16.09.2014).
98. Our J/V requested the opinion of the Coordination and Monitoring Office of Archaeological Works in the framework of Major Projects, the 24<sup>th</sup> EBA, the ΙΔ EPKA and the Service of Modern Monuments of Thessaly, as regards the Environmental Terms Amendment File for the environmental licensing of CH. 24+500 – CH. 31+212 (16.09.2014).
99. In response to the EIS submission for the MSS relocation from CH. 131+475 – CH. 132+420 to CH. 115+100 – CH. 118+043, 16, the SSPW A. & I.O. D-C CP requested for clarifications, by letter no. A/6/00a/01/24/23913/16.09.2014 (18.09.2014).
100. In response to the EYPE/YPEKA request no. 174179/30.07.2014, the Coordination and Monitoring Office of

Archaeological Works in the framework of Major Projects, sent its positive opinion with letter no. ΥΠΠΟΑ/ΓΔΑΠΚ/ΔΙΠΚΑ/ΤΑΧ/220765/130025/14084/5422/28.08.2014 (23.09.2014).

101. In response to our J/V's request dated 12.09.2014, the Service of Modern Monuments of Thessaly sent its positive opinion with letter no. 1851/22.09.2014 (26.09.2014).
102. In response to our J/V's request dated 12.09.2014 regarding the improvement of the road connecting the NR Lamia – Karditsa with Central Greece Motorway, the ΙΔ ΕΡΚΑ requested, by letter no. 4779/22.09.2014, for a joint autopsy to be conducted (02.10.2014).
103. In response to our J/V's request dated 16.09.2014 regarding the Environmental Terms Amendment File, for the environmental licensing of CH. 24+500 – CH. 31+212, the ΙΔ ΕΡΚΑ requested, by letter no. 4780/23.09.2014, for a joint autopsy to be conducted (02.10.2014).
104. Following our J/V's letter dated 18.09.2014, we pointed out to SSPW A & I.O. D-C CP and to the Directorate-General for Development and Protection of Forests and Natural Environment, that our J/V's requests for the Characterization Act are not completed till the implementation of Article 34 of Law 4280/2014 regarding the creation of a Specific Website where the characterization acts, along with the attached topographic diagrams, must be posted (03.12.2014).
105. In response to our J/V's request dated 16.09.2014 concerning the Environmental Terms Amendment File, for the environmental licensing of CH. 24+500 – CH. 31+212, the Service of Modern Monuments of Thessaly sent its positive opinion by letter no. 1925/29.09.2014, (06.10.2014).
106. In response to our J/V's request dated 12.09.2014 regarding the improvement of the road connecting the NR Lamia – Karditsa with Central Greece Motorway, the 24<sup>th</sup> ΕΒΑ, requested, by letter no. 3652/10.09.2014, for joint autopsy to be conducted (10.10.2014).
107. Following our J/V's request dated 14.05.2014, sent to the Forestry of Lamia concerning the leased area for the construction of

structure 46.2A – CH. 46+753, the Forestry of Lamia gave its positive opinion by letter no. 2677/91353/05.10.2014 (13.10.2014).

108. In response to our J/V's request concerning the improvement of the road connecting the NR Lamia - Karditsa with Central Greece Motorway, the 24<sup>th</sup> EBA sent its positive statement by letter no. 3436/06.10.2014 (13.10.2014).

109. Following the submission dated 30.05.2014 of the Environmental Terms Amendment File of Central Greece Motorway (E65) at Lamia – Makrihori Section (JMD ETA 144504/18.11.2005), for the environmental licensing of subsection CH. 24+500 – CH. 31+212, from our J/V, SSPW A. & I.O. D-C CP requested for the submission of extra copies by letter no. A/6/00a/01/24/25292/08.10.2014 (15.10.2014).

110. In response to our J/V's request dated 12.09.2014 concerning the improvement of the road connecting the NR Lamia – Karditsa with Central Greece Motorway, the ΙΔ EPKA sent its positive statement by letter no. 4628/06.10.2014 (16.10.2014).

111. Following SSPW A. & I.O. D-C CP letter no. A/6/00a/01/24/25292/08.10.2014, our J/V sent the extra copies (17.10.2014).

112. Following our J/V's letter dated 17.10.2014, Kentriki Odos promoted the extra copies on 13.10.2014 (20.10.2014).

113. In response to our J/V's letter no. 03.10.2014 concerning the completion of the Characterization Act issuance procedure, the Directorate-General for Development and Protection of Forests and Natural Environment informed us, by letter no. 115682/5706/14.10.2014, that the relevant JMD was published (21.10.2014).

114. Following our J/V's submission dated 04.08.2014 of the Technical Study for the operation of a borrow pit for aggregates at "Kokkalitsa", Municipality of Domokos, Prefecture of Fthiotida (code BP3N6), the Directorate of QUARRIES FOR MARBLE & AGGREGATES requested, by letter no. D10-

- B/Φ.46.48.13211/3296/20.10.2014, for the submission of documentation evidencing the deposit of State and Funds rights in order for the study to be approved (24.10.2014).
115. In response to our J/V's request dated 16.09.2014 regarding the Environmental Terms Amendment File, for the environmental licensing of section CH. 24+500 – CH. 31+212, the ΙΔ ΕΡΚΑ sent its positive statement by letter no. 4706/15.10.2015 (24.10.2014).
116. In response to the DIRECTORATE of QUARRIES for MARBLE & AGGREGATES, our J/V sent the necessary documentation by letter no. Δ10-B/Φ.46.48/13211/3296/20.10.2014 (29.10.2014).
117. Following our request dated 16.09.2014 for opinion, concerning the Environmental Terms Amendment File, for the environmental licensing of CH. 24+500 – CH. 31+212, the 24<sup>th</sup> ΕΒΑ requested us, by letter no. 4066/23.10.2014, for the joint autopsy (05.11.2014).
118. Elaboration and submission of the Technical Environmental Study to ΔΙΠΑ/ΥΠΕΚΑ for the environmental licensing of Trikala worksite area at the 7<sup>km</sup> of Trikala – Karditsa NR for the construction of section CH. 90+500 – CH. 109+500, of Central Greece Motorway (10.11.2014).
119. Following our J/V's submission dated 30.05.2014 (Amendment File of Central Greece Motorway (Ε65) Environmental Terms at Lamia – Makrihori, for the environmental licensing of subsection CH. 24+500 – CH. 31+212, our J/V withdrew the said file in order for the J/V to re-examine and re-submit the revised version in the future, if required (11.11.2014).
120. The Chief Forester of Karditsa issued, with prot. no. 5648/241415/19.11.2014 (ΑΔΑ: ΒΖΞ0ΟΠ10-Υ1Δ), the characterization act of the occupied areas of the modifications to the Central Greece Motorway (Ε65) at CH. 47+313 – CH. 52+840 (21.11.2014).
121. Following our J/V's request dated 11.11.2014, Kentriki Odos forwarded our request to ΕΥΔΕ ΕΡΑ ΚΕ C&W GR CP (24.11.2014).
122. Following our submission dated 10.11.2014, ΔΙΠΑ/ΥΠΕΚΑ sent, with prot. no. 176275/18.11.2014, copies of our submission to the

competent archaeological and forest services, requesting an opinion (25.11.2014).

123. Following our J/V's submission dated 04.08.2014 (Environmental Impact Study for the improvement of the connecting road of NR Lamia – Karditsa with Central Greece Motorway at Ksiniada I/C), our J/V submitted extra EIS copies (26.11.2014).
124. Our J/V requested the competent Ephorate of Antiquities for an opinion regarding the creation of Trikala worksite area at the 7<sup>th</sup> km of Trikala – Karditsa NR in order for the CH. 90+500 – CH. 109+500 of Central Greece Motorway to be constructed (26.11.2014).
125. Our request to the Forestry of Trikala for issuance of a characterization act for the land of Trikala worksite area at the 7<sup>th</sup> km of Trikala – Karditsa NR in order for CH. 90+500 – CH. 109+500 of Central Greece Motorway to be constructed (EM-sk\_26.11.2014).
126. In response to our request dated 16.09.2014 regarding the Environmental Terms Amendment File, for the environmental licensing of CH. 24+500 - CH. 31+212, the 24<sup>th</sup> EBA sent, with prot. no. 3513/27.10.2014, its positive statement (26.11.2014).
127. Our J/V requested the Directorate for Development of Prefecture of Trikala for the termination of exploitation and restoration of the borrow pit at “Aerodromio”, Kefalovryso, Municipality of Trikaia, Prefecture of Trikala (11.12.2014).
128. Following our request dated 12.09.2014 for an opinion, regarding the improvement of the connecting road of NR Lamia – Karditsa with Central Greece Motorway, the Coordination & Monitoring Office of Archaeological Works within the framework of Major Projects sent its positive statement (11.12.2014).
129. Following our request dated 16.09.2014 for opinion, regarding the Environmental Terms Amendment File, for the environmental licensing of section CH. 24+500 – CH. 31+212 of Central Greece Motorway (E65), the Coordination & Monitoring Office of Archaeological Works within the framework of Major Projects sent its positive statement (11.12.2014).

130. Following our request dated 11.11.2014 (removal of Environmental Terms Amendment File of Central Greece Motorway (E65) at Lamia – Makrihori section, for the environmental licensing of section CH. 24+500 – CH. 31+212), the SSPW C&W.GR C.P. forwarded our request to DIPA/YPEKA (15.12.2014).
131. Following DIPA/YPEKA request with prot. no. 176275/18.11.2014, regarding the TEPEM of Trikala worksite area (7<sup>th</sup> km of Trikala – Karditsa NR), the Forestry of Trikala sent its opinion by letter no. 7403/246518/10.12.2014. The land does not fall within the provisions of the forest legislation (15.12.2014).
132. Following DIPA/YPEKA request no. 176275/18.11.2014 concerning the TEPEM of Trikala worksite area (7<sup>th</sup> km of Trikala – Karditsa NR), the Trikala Ephorate of Antiquities sent its positive opinion by letter no. 468/02.12.2014 (17.12.2014).
133. Following our request dated 26.11.2014 concerning the TEPEM of Trikala worksite area (7<sup>th</sup> km of Trikala – Karditsa NR), the Ephorate of Antiquities of Trikala sent its positive opinion by letter no. 564/03.12.2014 (17.12.2014).
134. The Directorate of Forests of the Prefecture of Fthiotida forwarded, with prot. no. 3974/225301/04.12.2014, to the Directorate of Forest and Forest Environment Management of YPEKA (via the Directorate of Forest Coordination & Inspection of Thessaly Decentralized Administration) the positive opinion of Lamia Forestry with prot. no. 3820/133782/31.10.2014, regarding the modification of the alignment at CH. 31+212 – CH. 39+000 of Central Greece Motorway (18.12.2014).
135. Our J/V requested the Forestry of Lamia for an opinion on the Environmental Impact Assessment of quarry– borrow pit area, of a total land of 83.140,28m<sup>2</sup> at “KOKKALITSA” (BP3N6) of Domokos Municipality, for the construction of Central Greece Motorway (E65) (19.12.2014).
136. Following our request dated 26.11.2014, concerning the TEPEM of Trikala worksite area (7<sup>th</sup> km of Trikala – Karditsa NR), the Service of

Modern Monuments and Technical Projects of Thessaly and Central Greece sent its positive opinion, by letter no. 2625/15.12.2014 (30.12.2014).

137. Elaboration and submission of Environmental Impact Study (EIS) for the amendment of the Environmental Terms of the north subsection of “Kalampaka – Egnatia” of Central Greece Motorway (E65) (18.12.2014).

#### **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 (GGDE/EYDE EPA & IO) and the competent service of YPEKA, namely the Special Environmental Service (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**

<b>No.</b>	<b>Decision Protocol No.</b>	<b>Decision Title / Project Section</b>
1.	Joint Ministerial Decision 144504/18.11.2005	“Central Greece (E65) Road Axis / Makrihori – Lamia”
2.	YPEKA Env. Gen. Director Decision prot. no.	Amendment Decision of JMD ETA 144504/18.11.2005 (CH.0+000 – CH. 14+500)

No.	Decision Protocol No.	Decision Title / Project Section
	167266/01.04.2013	
3.	MD 173471/23.06.2014	Amendment Decision of ETA JMD 144504/18.11.2005 (CH. 31+212 – CH. 85+800, excluding section CH. 47+313 – CH. 51+843)
4.	Joint Ministerial Decision 145521/18.11.2005	“Central Greece (E65) Road Axis / Makrihori – Kalampaka”
5.	YPEKA Env. Gen. Director Decision 203583/04.12.2012	Amendment of the JMD ETA 145521/18.11.2005. Cut & Cover in CH. 137+000 with recoverable materials.
6.	YPEKA Env. Gen. Director Decision 172041/26.11.2013	Amendment of the JMD ETA 145521/18.11.2005. Modifications in Makrihori – Kalampaka section (CH. 85+800 – CH. 137+550).
7.	Joint Ministerial Decision 147014/18.11.2005	Central Greece Road axle (E65), Kalampaka – Egnatia section and Ag. Paraskevi I/C for its connection with Egnatia Odos.
8.	Joint Ministerial Decision 103681/05.05.2006	“Connecting road of the Smokovo I/C with the existing road network”. The said project is no longer a scope of the Concession Agreement.
9.	Joint Ministerial Decision 146113/12.07.2005	Skarfia – Thermopiles in Skarfia – Lamia section of PATHE motorway.
10.	Joint Ministerial Decision 126696/06.06.2007	JMD amendment no. 146113/12.07.2005. The amendment to the Environmental Licensing of Agia Triada and Molos I/C toll stations of PATHE motorway was reserved for the Borrow pits approval.
11.	122881/08.03.2010 EYPE/YPEKA	Environmental licensing of the toll stations in Agia Triada and Molos I/C of PATHE motorway.
12.	Joint Ministerial Decision 131550/04.05.2003	“Optimization of the National Road to a PATHE motorway, section from Skarfia to Lamia, subsection from the beginning of Thermopiles I/C to Nea Kiti of Sperchios”.
13.	EYPE/YPEKA 121668/08.02.2010	Environmental Licensing of the toll station in Thermopiles I/C of PATHE motorway.
14.	JMD	“Optimization of the National Road to a PATHE motorway, section

No.	Decision Protocol No.	Decision Title / Project Section
	146109/30.09.2005	from Nea Kiti to Roditsa I/C.”
15.	Joint Ministerial Decision 130665/02.05.2003	“Optimization of the Athens – Thessaloniki National Road (NR) to Patra – Athens – Thessaloniki – Evzoni (PATHE) motorway, Lamia – Raches section, subsection from CH. 3+500 to CH. 12+000”
16.	JMD 195214/11.01.2011	Amendment of letter no. 130665/02.05.2003
17.	JMD 100198/30.05.2006	Stylida – Karavomylos bypass
18.	EYPE/YPEKA 121667/08.02.2010	Environmental Licensing of the toll stations in Agia Marina – Stylida I/C and Stylida – Karavomylos 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)	6484/10.03.2010	----	----	
		14111/22.06.2011	----	Resubmission	
		15414/08.11.2012	167266/01.04.2013	Submission of 2 additional copies  <u>Approval:</u> Decision no. oik. 167266/01.04.2013 on the JMD AET amendment no. 144504/18.11.2005	
2.	Report for the determination of	12005/04.01.2011	----	Submission	

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
	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)	14129/23.06.2011	----	Resubmission  EYPE/YPEKA requested for the EIS with letter no. 203089/13.11.2012	
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.	Amendment File of the Environmental Terms of Central Greece Motorway (E65) in Lamia – Makrihori (JMD AET 144504/18.11.2005), for the environmental licensing of CH. 24+500 – CH. 31+212 subsection.	18588/30.05.2014	----	Submission  Following points 2 & 3, the section CH. 14+500 – CH. 85+800 was divided into partial subsections.	
		20297/11.11.2014	----	EIS withdrawal in order for our J/V to examine and to resubmit in the future its revised version if required.	
5.	Amendment File in accordance with Article 6 of Law 4014/2011 for the environmental licensing of the modifications in sections CH. 31+212 – CH. 85+800 of the project (apart from CH. 47+313 – CH. 51+843)	15991/18.02.2014	MD 173471/23.06.2014 of JMD AET no. 144504/18.11.2005	Following points 2 & 3, the section CH. 14+500 – CH. 85+800 was divided into partial subsections.	
6.	EIS for the environmental licensing of the modifications of section CH. 47+313 – CH.52+840.	16362/28.04.2014	Expected to be approved	Submission. Following points 2 & 3, the section CH. 14+500 – CH. 85+800 was divided into	

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
				partial subsections.	
7.	Report on the determination of the environmental licensing procedures of Central Greece (E65) Road Axle in Makrihori – Kalampaka (CH. 85+800 – CH. 137+550) (File of Art. 13 of the JMD no. 11014/703/Φ104/2003JMD)	3113/23.07.2009	---	The study has been submitted by EOSA with prot. no. A248145/04.03.2010  The design with prot. no. 122785/26.04.2010 was returned by EYPE	
		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	YPEKA Env. Gen. Director Decision no. 172041/26.11.2013	Resubmission and Approval: YPEKA Env. Gen. Director Decision no. 172041/26.11.2013	
8.	EIS for the transportation of Kalampaka MSS (CH. 132+000) to a new position near Trikala (CH. 117+000)	11990/04.01.2011	---	Submission	
		---	---	Return of study by EOSA for resubmission (A282383/26.01. 2014)	
		13178/22.03.2011	---	Resubmission and <u>rejection</u> : YPEKA Env. Gen. Director Decision no. 172041/26.11.2013	
		19067/27.06.2014	It is expected to be approved	Resubmission	
9.	EIS for the Cut & Cover construction in CH. 137+000 with recoverable materials	12854/28.01.2011	---	Submission	
				The design with prot. no. A287258/17.03.2011 was returned by EYPE for resubmission	
		13726/09.05.2011	203583/04.12.2012	Resubmission  <u>Approval</u> : No essential differentiations are being made concerning the impact on the environment. The environmental terms already approved with JMD AET prot. no.	

No	Design Title	Submission J/V Ref. No	Decision of Approval	Observations	
				145521/18.11.2005 are in force.	
10.	EIS for the Cut & Cover construction in CH. 138+400 with recoverable materials	12854/28.01.2011	---	Submission	
				EOSA Negative Response (A287258/17.03.2011) because the said project belongs to JMD 147014/18.11.2005 which is under suspension following the Council of State temporary order.	
		13726/09.05.2011	---	Resubmission	
11.	EIS for the amendment of the Environmental Terms of "Kalampaka – Egnatia" north section of Central Greece Motorway (E65)	20580/18.12.2014	Expected to be approved	Submission	
12.	Supplementary EIS for the connecting road from Anavra to Thavmakos (a' section) of 13,5km of length replacing the connecting road Smokovo – Monastiri, of an approximate length of 9 km.	12016/05.01.2011	EYPE/YPEKA with its letter no. 198627/28.05.2012 submitted the design to the Design and Spatial Planning Directorate (Central Greece), falling within its jurisdiction, in accordance with the new classification of the projects and activities of the MD 1958/2012 (OGG 21B/13.01.2012)	Given that the biggest section of the suggested road alignment falls within the road limits of Karditsa, the Environment and Planning Directorate of Central Greece requests from EOSA, with a relevant letter (2803/117679/12.07.2012) to also submit the issue of the said EIS to the Environment and Planning Directorate of Thessaly of the Decentralized Administration of Thessaly – Central Greece  <u>The said project is no longer subject of the Concession Agreement</u>	

13.	EIS for the improvement of the	19516/04.08.2014	Expected to be	Submission
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	road connecting Lamia – Karditsa National Road with Central Greece Motorway at Ksiniada I/C		approved	
14.	Design on the Environmental Licensing of the Construction and Operation of the Toll Stations in Athens – Thessaloniki National Road, Skarfia – Thermopiles subsection of Skarfia – Lamia section, in Agia Triada and Molos I/C (File pursuant to Article 13 of the JMD 11014/703/Φ104/2003)	3907/28.09.2009	EYPE/YPEKA 122881/08.03.2010	Approved

15.	Design on the Environmental Licensing of the Construction and Operation of the Toll Stations in Athens – Thessaloniki National Road, Thermopiles I/C – Nea Kiti, Sperchios, Skarfia – Lamia section in Thermopiles I/C (File pursuant to Article 13 of the JMD 11014/703/Φ104/2003)	4049/08.10.2009	EYPE/YPEKA 121668/08.02.2010	Approved
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16.	Design on the Environmental Licensing of the Construction and Operation of the Toll Stations in Athens – Thessaloniki National Road, Roditsa I/C – Agia Marina I/C, Lamia - Raches section, in Agia Paraskevi I/C and Mavromantila (File pursuant to Article 13 of the JMD 11014/703/Φ104/2003)	4049/08.10.2009	EYPE/YPEKA 195214/11.01.2011	Approved
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17.	Design on the Environmental Licensing of the Construction and Operation of the Toll Stations in Athens –	4049/08.10.2009	EYPE/YPEKA 121667/08.02.2010	Approved
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	Thessaloniki National Road, subsection of Agia Marina I/C, Stylida – Raches I/C of Raches – Skarfia section (File pursuant to Article 13 of the JMD 11014/703/Φ104/2003)			
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#### **4.1.2 Special Designs**

During the first semester of 2014 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 31.12.2014 situation performed in the reserved areas.

(view Table) Areas blocked due to Archaeology

**TABLE OF SITES RESERVED BY THE ARCHAEOLOGICAL SERVICE CH. 32+000 – CH. 111+000, DECEMBER 2014**

S/N	Starting CH	Ending CH	Place name	Commitment Document	Release Document	Remarks	Deconstruction Completion Real Date / space release	Works Fault Length – Description of technical scope
1	34+280	34+340		Ephorate of Antiquities Fthiotida & Evritania: 377/14-11-14 (Κ/Ξ: 20360/24-11-14)		Interruption of excavation works and need for reserving the space until the completion of the excavation investigation. EAFE informed us with no. 6644/19-12-14 (prot. no. J/V 20713/5-1-15) for the commencement of the excavation survey from 7-1-15.		34+280 - 34+340 : Motorway fault length: 60m
2	55+760	55+780	Alonaki	ΛΔ' ΕΠΚΑ:1017/07-04-14 (J/V: 16316/16-04-14)	ΛΔ' ΕΠΚΑ:3325/09-10-14 (J/V: 20099/10-10-14)	Investigated 15/3-3/5/14. Space release.	10/10/2014	55+760 - 55+780 : Motorway fault length: 20m
3	64+380	64+520	Kalathia	ΛΔ' ΕΠΚΑ: 3899/1-10-09 (J/V: 4060/8-10-09)	ΥΠΠΟΤ: 6486/17-10-14 (ΑΔΑ 7ΞΟΝΓ-ΚΦΡ, it is not notified to the J/V: Burial of residues	Space release provided that no other excavation is done for the construction of lateral roads or rainwater run-off trenches.	17/10/2014	64+320 - 64+540 : Motorway and Trenches 116 & 117 Fault length: 220m
4	67+918'	68+006	Tataria or Psilomata	ΛΔ' ΕΠΚΑ: 2856/15-09-14 (J/V: 19952/22-09-14)		Following ΛΔ' ΕΠΚΑ letter no. 3092/26-09-14 (prot. no. J/V 20063/06-10-14), the removal of the deposited topsoil to the south of the reserved land and the conduct of pilot cuts to the area to be occupied by the trench D141 are pending.		Trench D141
5	68+028	68+140	Tataria or Psilomata	ΛΔ' ΕΠΚΑ: 4841/27-11-09 (J/V: 4979/8-12-09)		Sending letter is still pending. Oral release.		68+028-68+140: Motorway fault length: 112m
6	68+753,8		Pentares	ΛΔ' ΕΠΚΑ: 797/24-03-14 (J/V: 16186/26-3-14)		Remains reserved.		68+753,80: Vertical Road KO15A

S/N	Starting CH	Ending CH	Place name	Commitment Document	Release Document	Remarks	Deconstruction Completion Real Date / space release	Works Fault Length – Description of technical scope
7	86+120					Identification of findings on September 2014. Oral release on November 2014. Letter expected from the Archaeological Service for release		Trench D275
8	86+220					Identification of findings on November 2014. Letter expected from the Archaeological Service.		Trench D279
9	86+580					Identification of findings on September 2014. Προφορική αποδέσμευση on November 2014. Letter expected from the Archaeological Service for release		Trench D279
10	86+595	86+666				Identification of findings on November 2014. Letter expected from the Archaeological Service		Trench D279
11	86+738					Identification of findings on November 2014. Letter expected from the Archaeological Service		Trench D279



### 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 and waste quantities which were managed ecologically within 2014 as part of the construction of the project.

## CENTRAL GREECE MOTORWAY (E-65)

**Table 4.3.1-1:  
Waste Management Table**

Waste Management outside the Installation								
Waste category (6-digit code <u>E.W.C.</u> )	Waste description according to the <u>European Waste Catalogue.</u>	Quantity of waste the management of which was held outside the installation of the reference year (t)	Waste Collector Name	YPEHODE registration no. / Collector Licence no.	The relevant Identification forms for the collection and transportation are completed? (Yes/No)	Waste Reception Facility Name	Management work of the column waste quantity	Licence no.
130206 *	130206 * waste engine, gear and lubricating oils	2,60	ELTEPE HELLENIC ENVIRONMENTAL TECHNOLOGY	60165/1724/4-12-13	Yes	ELTEPE HELLENIC ENVIRONMENTAL TECHNOLOGY		60165/1724/4-12-13
130206 *	130206 * waste engine, gear and lubricating oils	6,24	Dimitrios Livardos Achaean Lubricants S.A.	122406/1509/27-08-09	Yes	ACHAEAN LUBRICANTS S.A		188560/19-01-2012
160601 *	160601 * lead batteries	1,16	Drakou Konstantina	133848/2705/06-12-2011	Yes	SIDESIS S.A.		OGG 1124/23-7-04
160103	160103 end-of-life tires	10,86	Roditis Alkiviadis	0/15744/16/12/1996 NOMAPXIA OF KARDITSA		ECOELASTIKA		DECENTRALIZED ADMINISTRATION of ATTICA Φ6746/3820/ΠΕΠ IB-ΣΑ/ 19/09/2013
200133 *	200133 * batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and batteries and accumulators including the said batteries	0,12	POLYECO	51662/4390/26-09-2013 YPEKA	Yes	POLYECO		EYPE 168510/31-05-2013
170405	170405 iron and steel	71,15	Lioumpas	TB-Φ16-556-466/4-9-				

## CENTRAL GREECE MOTORWAY (E-65)

			Spyridon	2006 Prefectural Administration of Karditsa				
170405	170405 iron and steel	4,23	Group Afoi Florou S.A.	ΔΑ/Φ14.1338/2359/15-9-2006		Group Afoi Florou S.A.		3035/85942/04-08-2011 Decentralized Administration of Thessaly
150102	150102 plastic package	0,96	ΠΑΔΥΘ	3097/190144/ 16-10-2013 Region of Thessaly		Hellenic Recovery Recycling Corporation – HE.R.R.Co		TB/Φ14.753/902/30-9-2005 Prefectural Administration of Karditsa
200301	200301 mixed municipal waste	13,94	Municipality of Trikala Municipality of Sofades Municipality of Karditsa					
<b>TOTAL</b>		<b>111,26</b>						
<b>Waste storage within the Installation (Temporary Storage)</b>								
Waste category (6-digit code <i>E.W.C.</i> )	Waste description according to the <i>European Waste Catalogue.</i>	Quantity of waste stored within the installation during the reference year (t)	Quantity of stored waste from previous years (t)		Start year of Storage	Total quantity of waste stored from previous years and until the end of the reference year (t)		
160107 *	160107 * oil filter	1,10	0,00		2014	1,10		
160103	160103 end-of-life tires	11,05	0,00		2014	11,05		
<b>TOTAL</b>		<b>12,15</b>	<b>0,00</b>			<b>12,15</b>		

### 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 approved environmental studies of the road works and its adjacent roads, 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 necessary measures to reduce dust emission are taken, such as water springing, filter bags etc.

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, traffic, public utility networks, etc. Up to date, there are no complaints - reminders from the vibrations resulted by the construction of the project. It has to be noted that all materials extraction sites proposed by the Construction J/V (excluding the borrow pits of Kokkalitsa – BP3N6), for the needs of the construction of the road project, do not require the use of explosives for their exploitation. Moreover, all the works producing strong vibrations are located in long distance from the sensitive indicators.

Up to date, there are no complaints - reminders from the air pollution 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 levels provided by the law and in the event of exceeding the limits all required measures are taken.

No works causing great increase in the existing noise levels were carried out near the sensitive indicators during the reference period.

## CENTRAL GREECE MOTORWAY (E-65)

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
- 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.

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### 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 which has been completed. The results of the monitoring program were 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.

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, under the Council of State's temporary order, the said section was under suspension and does not constitute our J/V's contractual scope.

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.

## **CENTRAL GREECE MOTORWAY (E-65)**

### **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 NEXT YEAR ANTI-NOISE AND ENVIRONMENTAL PROTECTION PROJECTS**

Anti-pollution and environmental protection projects that may take place in 2015 may include:

- Fauna crossing structures construction
- Construction/maintenance of new/old anti-pollution sites, such as settling tanks, special waste storage, etc, supply/maintenance of equipment.
- Landscape studies elaboration
- Studies Network primary & secondary irrigation network green.
- Greenery Management/Maintenance works, planting works
- 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.
- 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
- Restoration of borrow pits/quarries