Issue 09 | April 2016





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Olympia Odos

#### Issue 09 | April 2016

## A leap forward

The financial crisis has affected the Olympia Odos project, as well as all major projects in Greece. Last summer was a difficult period, but we managed to keep the project "alive", even at slow progress rates.

Today, all involved parties work in view of the gradual opening of road sections to traffic, so that we can offer drivers, even on parts of the project, the comfort, the reliability and the safety that the new motorway will provide in its entirety, as soon as possible.

The first completed sections of the Korinthos-Patras motorway under construction are to be opened to traffic this fall and in particular the section from Ancient Korinthos to Kiato, while the section of the new motorway up to Xylokastro will be open to traffic by the end of the year.

The progress of the Project has reached 75% while the large structures, tunnels and bridges are almost completed.

In the meanwhile, as we see the project progressing and its final image shaping, we timidly venture to dream.

We want to travel along the last kilometers of the project with its key people.

All those who live and do business around Olympia Odos.

All those who use the motorway.

All those who work for it, around it or because of it.

Mainly those to whom we will deliver the Project: the children.

This is why this phase of the Project is marked by an ambitious action intended for the Achaia teachers and educators. The next step will be to bring the children to the Project; to bring the students of the schools around the motorway to the worksites; to discuss with them about the works of man and the men and women of our Project.

It's with them that we will make a leap forward.

# A "digital atlas" of the monuments located along Olympia Odos



Our journey along the Olympia Odos Culture **Route** continues. An agreement between the DIAZOMA Association and our company entered into in early April, to assign to a group of technical experts the digital imaging of the cultural and environmental landmarks located along the motorway. Within the framework of the study, an Integrated Territorial Investment dossier for the

Route will be compiled to become the basis for integration in European programs. The study will also include a preliminary design for the signage of the major monuments as well as proposals to improve the accesses to the monuments.



# In Kalavryta with the Patras Cycling Club

More than 270 cvclists aged 17-68 years participated in the 39th "Thysias" Cycling Race successfully organized once again this year by the Patras Cycling Club. Adverse weather conditions were recorded in the morning of March 25, 2016. However, the continuous rain and the low temperatures did not discourage the athletes who covered the distance from Patras to the Holly Monastery of Aghia Lavra, of about 100 km, in less than two hours.



# **Teachers and educators** from Achaia visit Olympia Odos



More than 90 members of the academic community of the Achaia Prefecture were offered a guided tour along the Olympia Odos Project in early April. within the framework of the initiative of the Environmental Education Departments of the Primary and Secondary Education Board of Achaia.

The subject of this educational action was the "Protection of the Environment and Sustainable Development thanks to the construction of Olympia Odos". The action included two phases, namely an Information Day and an Educational Visit to Worksites.

Through these interrelated actions the academic community had the opportunity to come near and become familiar with the motorway with regards to the environment and landscape management, the specificities of the construction, the technical achievements and the significance of the motorway's operation for the social and economic growth of the regions it crosses. They also had the opportunity to observe the progress of the project and be informed about the way its environmental impacts are dealt with.

The guided tour to the worksites of Aigion and Drepano included a presentation of various types of retaining structures, such as handmade gabions and planting, various types of cuts, a visit to Panagopoula T24 Tunnel of 530m and to the complex Rion Interchange that will serve 8 different traffic directions. The people of the worksites became the guides of the educators and teachers for one day. These guides were Mr. Ap. Mesbouris, geologist-geotechnical engineer, Mr. G. Kalianis, environmental engineer of the Aigion Worksite, and Mr. Aris Fakinos, Project Engineer and Head of Drepanon Worksite.

People from the entire academic community participated in the program, such as school counselors, school principals, head of nursery schools, teachers who implement Environmental Education programs as well as students of the Second Chance School.

#### Visits of students from secondary and high schools as well as from primary schools of the Prefecture will be organized in the coming period.

This event gave to all people who participated in the action, i.e. the academic community, the students, the engineers, the geologists, the traffic engineers and the employees at the worksites, the opportunity to discuss



ΟΛΥΜΠΙΑ



# The major structures of the Project

Olympia Odos is constructed in a particularly unstable geological environment. In fact, the new motorway "embraces" the northern coast line of the Peloponnese, thus turning the project into a "library" of retaining structures, since all known methods and their combinations were used for the approximately 400 retaining structures of the Korinthos-Patras section. The 350 large structures (tunnels, bridges, overpasses and underpasses) not only constitute spectacular constructions but will also contribute to ensure a safe and quick transportation.



#### Akrata Tunnels

Two successive tunnels of 790m and 252m respectively linked by a bridge. The newly constructed section of the motorway in the area of Akrata will serve the traffic in the direction to Athens. The construction works have been completed and now the E/M systems of the tunnels are tested.







#### Panagopoula Tunnels

It's a complex of four (4) tunnels in total. In the future traffic direction to Patras, you will find the 3.2km-long T26 Tunnel, while in the direction to Athens, three successive tunnels are under construction: the T24 and T25 of about 520m long and the T26 of 4km, which is the third longest tunnel in Greece.

The Panagopoula Tunnels complex is a section where the construction follows a new alignment, beyond the existing Korinthos-Patras NNR. At this point, in addition to the tunnels, the open cuts and retaining structures located in between the tunnels play a major role.

### **Retaining structures**

A large part of the Korinthos-Patras National Road comprises retaining structures. In particular, in Achaia where the geology of the area makes them indispensable, almost all available types have been used: gabions, hydroseeding and coir nets, piles, lane covers, anchors and others.





#### **Krathis Bridge and widenings**

85% of the Korinthos-Patras new national road under construction, follows the existing alignment. In fact, this means that a large part of the construction consists of road widenings. The Krathis River Bridge in Aigio is an illustration of such widenings.







#### Underpasses

The Korinthos-Patras section is comprised of 224 bridges, overpasses and underpasses. The construction of these passes also includes flood protection works, culverts, bridges and retaining structures.

**B** 

2 km

60

# **Current Traffic Arrangements from Korinthos to Patras**

In this page you will find all traffic arrangements that are currently in place, in order to prepare and adjust your driving behavior. The lane closures, the narrowings and all other arrangements are necessary interventions in order for the workers on the Project and the drivers to safely coexist.

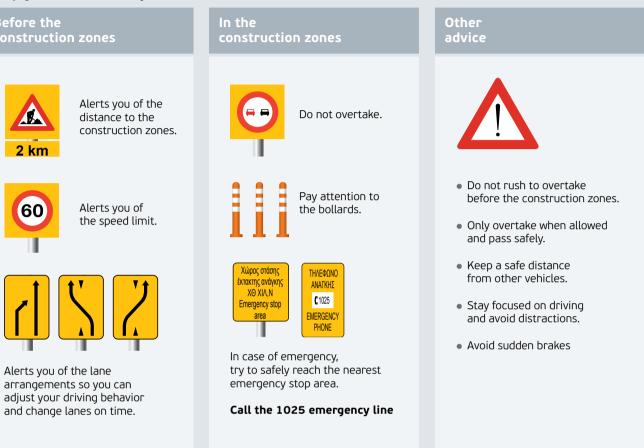
Remember:

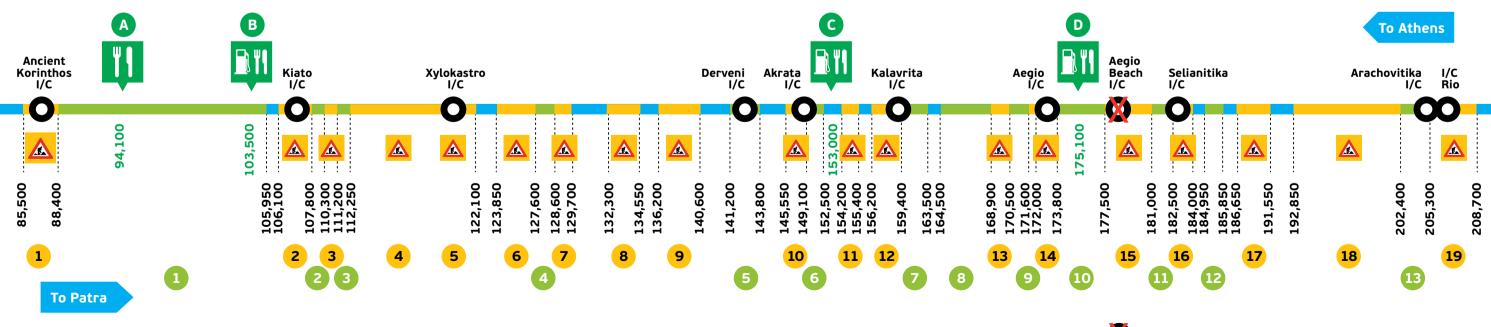
- All along the road, there are emergency lay-bys where you can temporarily stop in
- You can **call 1025** directly from your mobile and soon the people of Olympia Odos will be there to assist you





Comply with the road signs!





Closed node

\* As applicable on 20/04/2016

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# Smart driving means alert drivers

This is why before our trip we need to be well rested.

Every trip is a pleasure and enjoyment aiming at reaching our destination but also at enjoying comfort of the route. Since the Korinthos-Patras NNR is under construction, it cannot offer such comfort. However, we can offer to ourselves a short stop to rest, especially if we travel with children or pets.

This is why we stop of a while in the Motorists Service Stations (MSS) or the parking areas or specifically along the traffic arrangements areas of Korinthos-Patras in the especially arranged emergency lay-bys that can be found at regular intervals.

#### The safe driving rules apply to every road and every trip. Let us remind you of them:

### Before departure



Check the air pressure in your tires, the oil level, the coolant in the radiator, the water for the windscreen wipers



We refrain from alcohol/medication before driving



We always wear the safety belt whether we sit in the front or the rear seat, even for very short trips

### **During the trip**



We only use the speaker phone or the wireless receiver to talk on the mobile phone



We adjust our speed to the prevailing conditions



We adjust our speed to the prevailing conditions



In tunnels, we turn on the headlights of the vehicle and take sunglasses off



We never drive on the Emergency Lane (EL) which is only used by emergency services or in case of an immobilized vehicle



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