

TEMPORAL EVOLUTION OF HGV TRAFFIC DATA ALONG THE EGNATIA ODOS MOTORWAY

G.Mintsis*

Professor, Aristotle University of Thessaloniki

C.Taxiltaris

Professor, Aristotle University of Thessaloniki

S.Basbas

Assistant Professor, Aristotle University of Thessaloniki

A.Filaktakis

Rural and Surveying Engineer, Aristotle University of Thessaloniki

K.Koutsoukos

Deputy Director Operations, Egnatia Odos S.A., Operations and Maintenance Division

S.Guy

Transport Engineer, Egnatia Odos S.A., Operations and Maintenance Division, Traffic Unit

E.Viskos

Head of Unit, Egnatia Odos S.A., Operations and Maintenance Division, Traffic Unit

*A.U.Th., Faculty of Rural & Surveying Eng., Dept. of Transportation & Hydraulic Eng., 541 24 Thessaloniki, Greece, transp@edessa.topo.auth.gr

ABSTRACT

One of current road construction projects in Greece is the 670 km Egnatia Odos motorway which when completed, will form the backbone of Northern Greece's transport system. This paper presents a summary and comparison of WIM data from two projects carried out along the Egnatia Odos corridor over the past 6 years. Results are also presented concerning the characteristics of the overloaded HGV. The results of both projects together with the results of various other smaller scale projects will help towards the creation of the first ever database for HGVs using the Greek transport system.

KEYWORDS: Egnatia Odos, WIM, HGV, pavement design, motorway