

# UPGRADE OF INTERNAL THESSALONIKI RING ROAD



**Upgrade of Internal Ring Road of Thessaloniki city (northern Greece), Traffic & Road Safety Design**

**Client**  
Egnatia Odos S.A.

**Project period**  
2012 - 2016

**Construction cost**  
6 M € approx.

**Services provided**  
Final road design, Road Safety Studies (signalling, safety analysis), Constructability study

**Technical details**  
L= 31 Km, 2 carriageways of 16 m wide,  $V_e= 80$  Km/h, Typical cross section: 2x2 traffic lanes, Bridges: 1 (L= 455 m), Cover & Cut: 3 (L= 372 m), Overpasses: 2