

HIGH ACCURACY APPLICATIONS AT CONSTRUCTION SURVEYING

In modern constructions, AKSM implements high accuracy applications and modern surveying techniques.

Measurements which allow us to obtain precious indications of the elastic behavior and materials endurance and of the field's behavior, on which the construction is situated, are provided through our crew's ordinary activity.

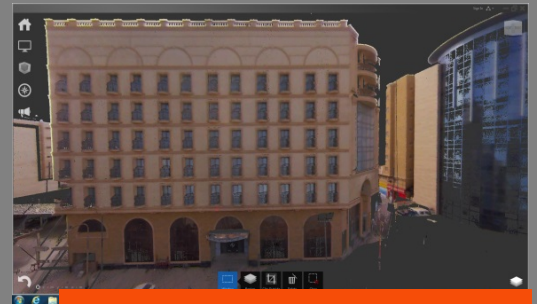
- Real Time Automated Monitoring System (AMS) - Deformation Monitoring on Support frames at Stage Pit of Opera Building at Stavros Niarchos Foundation Cultural Center (SNFCC).
- As Build- Laser scanning for geometrical verification at Stage Pit of Opera Building at Stavros Niarchos Foundation Cultural Center(SNFCC).
- Alignment verification & quidenance on preconstructed elements (beams & ribs) before casting for Opera's Ferrocement canopy panels Stavros Niarchos Foundation Cultural Center (SNFCC).
- Construction and geometrical verification of Opera's Ferrocement Canopy Panels at Stavros Niarchos Foundation Cultural Center (SNFCC).
- On site monitoring and as Built- Survey at Attica, the Department Store.
- Geometrical verification of metal brackets of Tsakwna Bridge.
- Deformation Monitoring of structural steelwork for the Doha, Asian Games Ceremonies.
- Deformation monitoring of high pressure Natural Gas Metering & Regulating station to the Feeding of V.R.A at Takoradi, Ghana.
- Real Time Automated Monitoring System (AMS) - Deformation Monitoring of Karouzos Shopping Center at Larisis Train Station, Athens.
- Façade As - Built Survey through Laser Scanning technics at C-ring – Doha, Qatar



Karouzos Shopping Center at Larisis Train Station



Stage Pit of Opera Building (SNFCC).



Facade As- Built Survey at C-Ring at Doha, Qatar



A typical Ferrocement Canopy Panel at SNFCC