

**Project:**  
Old City

**Location:**  
New Alamein City

**Project completed:**  
On-going

**Owner/s:**  
NUCA

**Applicator/Contractor:**  
JV HAC & CCC

**Designer/Architect/Specifier:**  
ECG

**Market sector:**  
Administration

**Products used:**  
WABO ELASTODEC E

## OLD CITY, NEW ALAMEIN, NORTH COAST, EGYPT



Our reference in New Alamein (Egypt): Old City

### The background

Old City District in New Alamein City is one of the most luxurious projects in North Coast. The project contains more than 40 buildings. Among these buildings, there will be shopping malls, a mosque, a church, and a cinema, along with other service buildings. Some shopping malls are connected with small bridges.

### The challenge

Design of Elastomeric Bearings Pads according to AASHTO LRFD (Method 1) to accommodate the vertical and horizontal loads (60 kN Dead Load & 40 kN live Load) along with anticipated movements between connected bridge slab and two buildings (70 mm). Design criteria should consider the slab dimensions and Consultant requirements of neoprene properties. Installation procedures should be followed strictly by the installer.



## OLD CITY, NEW ALAMEIN



Our reference in New Alamein (Egypt): Old City

### Our solution

Propose calculation design as per project requirements of Sliding Elastomeric Bearings pads (WABO ELASTODEC E) with full technical support to main contractor and consultant during the installation to ensure correct methodology of installation.

### The customer's benefit

- Finish project within planned schedule.
- High standards applied in design methodology
- Master Builders Solutions technical support through project phases.

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### Projects facts at a glance

- Total Bearings Area 22.46 m<sup>2</sup>.
- Project Value 2.5 B EGP.
- Project Duration 3 Years.

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