



## **C.V**

### **DR. M. F. HOWEEDY**

#### **PERSONAL DATA:**

**NAME** : **Mohamed Fayek Howedy**  
**DATE OF BIRTH** : **30 July 1935**  
**PLACE OF BIRTH** : **Cairo-Egypt**  
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#### **QUALIFICATIONS**

1. **B.Sc. in Civil Eng., Cairo University , 1959 .**
2. **M.Sc. in Civil Eng., University of Illinois , USA , 1964 .**
3. **Ph.D. in Civil Eng., University of Illinois , USA , 1968 .**

#### **EMPLOYMENT**

**Professor, Civil Engineering Department, Faculty of Engineer , Ain Shams University , Cairo – Egypt .**

#### **POSITION**

**Principal , Howedy Consultant**

#### **EXPERIENCE**

##### **1. Major Projects in USA**

- Working with Prof. R.B. Peck on the analysis and interpretation of field observations during the construction of the Chicago Park District South Underground Garage , Chicago, Illinois , USA .
- Developing a design criterion for driving piles with sonic waves using vibratory hammers. The project was supervised by Prof. M.T. Davisson of the University of Illinois .

## **2. Major Building Projects in Egypt**

- Gulf Tower ( 27 Storey's) at Gamaat El Dowel Al Arabia Str. , Dokky .
- Cornich El Nile Towers , Agha Khan ( 15 Towers each 25 Storey's )
- Sharjah Complex for Technology ( 6 October ) .
- Hassan Allam Sons Administration Bldg. in Heliopolis .
- Jolie Ville Hotel , Luxor ( 320 Rooms ) in Association with Movenpick , Switzerland .
- Al Hegaz Oasis at Red Sea Coast ( 500 villas ) .
- Swan Lake Compound ( 182 Villas, 9 lakes ) , New Cairo .
- Projects joint venture with Woodward Clyde Consultant of N.Y., USA in Egypt , Site Investigation for SidiKreir Nuclear Power Plant ( Hydrographic , Biological , Seismic and Geotechnical Investigations ) – Environment Impact Assessment ( EIA) for MIDOR Refinery Plant at Alexandria Free Zone in Al Aameriah and Al Arish gas pipeline to Aqaba .

## **3. Major Industrial Projects in Egypt**

### **A. Phamaceutical Plants**

- \* Russal Uclaf ( 6 October ) – Servier Egypt Industries ( 6 October ) – Alkan Pharma (6 October ) – Eli Lilly Egypt ( 6 October ) – October Pharma ( 6 October ) - Global Pharmaceutical for Sterile Production ( 6 October ) – GlaxoSmithkline (AlSalam City) – Novartis Pharma ( Ameria – Cairo ) – Multi Apex Pharma ( Badr City) – T3A Pharma ( Assuit ) .

### **B. Food Industry**

Juhayna Co. for Food Industry ( 6 October ) – Egyptian Co. for Food Industries (6 October) – Modern Concentrate Industries Egypt – Egy-Food Yogurt Factory (6 October) - International Co. For Modern Food Industries ( 6 October ) - Domty Milk Production Plant ( 6 October ) – Nestle Egypt Plant (6 October ) – Food Cold stores for Nestle (Barageel , Giza ) – Camina Factory For Flavors ( 6 October ) – Cadbury Egypt Group for Food Industries Co. Diego Factory ( 10 th of Ramadan ) – Quweader Sweets Factories ( 10<sup>th</sup> fo Ramadan , Fagalah and Matariah ) – Ragab Sons

**Food Cold stores ( Ahmed Orabi ) - Kimo Ice Cream Plant For Nestle Dubai (Rashedia – Dubai) .**

### **C. Textile Industry**

**Setcore For Spinning ( Burg Al Arab , Alex. ) – Elvy Weaving ( Burg El Arab , Alex. )  
- Mideterreanean Textile ( Burg El Arab , Alex. ) – Egyptian Spinning & Weaving Co.  
( Sadat City ) – Alexandria Spinning & Weaving Co. ( Sadat City ) – AMONSITO  
Textile, Spinning , Polyster and Dyeing Factories ( 10<sup>th</sup> of Ramadan ) .**

### **D. Other Industries**

- **AlSherif Plastic Factories in Khanka, Gizr El Suez and 10<sup>th</sup> of Ramadan ( Plastic mats - PVC pipes – Melamine Products – Plastic Blow and Press Factory-Lang Detergent - Electrical lamps – Conversion of Paper and Plastics – Edible Oil - Master Batch – Polystyrene)**
- **Schneider Group Electrical Panel Boards Factories ( 3 Phases, Tenth of Ramadan) - National Company for Crystals and Glass Factory ( 10<sup>th</sup> of Ramadan ) – SCIB Paints Factory ( 6 October ) – Tents Factory (10<sup>th</sup> of Ramadan ) – Arabian Spring Factory (6 October ) - Nile Shoes Factory ( 10<sup>th</sup> of Ramadan ) .**

## **4. Major Projects in Gulf area**

### **A. Sharjah , UAE**

- **Government Buildings in Sharjah , UAE in the following cities Sharjah : Sharjah City – Hameryah – Zeid – Kalba – Khorfakkan – Dibba El Hesn – Wadi ElHelw .  
Ruler Court – Court – Police Station – Municipality – Town Planning – Emirates Post Office – Library – Theatre – Multipurpose Hall - Teacher Society Association – Boy scout Association – Economic Development Directorate – Fishermen Association – Electrical and Water Authority – Chamber of Commerce and Expos – Wedding Hall - Clinic - Cultural and Sport Club – 42 Covered Sports Halls with Swimming Pools – Mosques , 25 , 1500 , 2000 and 3000 prayers – Youth Center – Child Center - Shooting Center at Ladies Club – Girls club – Ladies Club - Low cost Houses (around 3000 houses ) and their infra structures .**
- **Al Taawon Shopping Mall – Khamas Group Tower (30 Storey's) - Blind Association Center for 900 persons for all Emirates - Plaza 6 & 7 Towers – Central Markets at Kalba – Hameryah – Dibba El Hesn .**
- **Internal Roads and Freeways at Middle area of Sharjah .**

- **Landscape for Mountain 40 m high and 500 m long in front of Government Buildings at Wadi El Helw along with artificial fall .**
- **Sharjah Islamic Bank in Airport and Hameryah Frees Zones .**

#### **B. Dubai , UAE**

**Nestle Middle East Head Office ( Jebel Ali ) - Majestic Tower ( 56 storeys ) – First Gluf Bank head office – Elementary and Primary schools for Ministry of Public works - Censorship Building for Ministry of Information – Head Office for Emirates Transportation Establishment ( EIRTAS) at Ramoul .**

#### **C. Abu Dhabi UAE**

**Passport , Immigration and Naturalization Buildings A & B for Ministry of Interior – Mohamed El Oteaba Tower – EMIRTAS Head office in Musaffah and Al Ain . Internal Roads for Baniyas and Mussafah for Abu Dhabi Municipality . Emirates Private School at al Ain .**

#### **D. Fujurah , UAE**

**Five Stars Hotel ( 250 rooms ) with annex for parking – six restaurants , swimming pools, wedding hall and conference hall for Sheikh Hamad Suheil El Kheily .**

#### **E. Kingdom of Bahrain**

**Bahrain Naval Base at Mina Salman for Bahrain Defence Forces – around 1000 low cost Houses - Apartment Buildings in ISA Town , for Ministry of Housing .**

### **PUBLICATIONS**

- \* **" SETTLEMENT OF THE NEW JERSEY MEADOW " ,  
Woodward Clyde Consultant , New York , USA , 1971 .**
- \* **"USE OF STATISTIC IN EARTHWORK " , The Seventh Statistical Conference and  
Computation Science, Cairo , Egypt , 1971 .**
- \* **" BEHAVIOUR OF COLD MIXES REPEATED COMPRESSIVE LOADS " (1972) ,  
Highway Research Record, No. 404 , 1972 .**

- \* **LIME REACTIVITY OF EGYPTIAN CLAYEY SOILS " Seventh Conference of Scientific Arab Union , Cairo , Egypt , 1973 .**
- \* **SOIL MOVEMENTS ASSOCIATED WITH THE FOUNDATION OF TALL BUILDINGS" , National Conference on Tall Buildings, Cairo , Egypt , 1974 .**
- \* **SOME FACTORS INFLUENCING VIBRATORY COMPACTION OF COHESIONLESS SOILS " . National Research Council, Transportation Research Board , Washington D.C. , USA , 1975 .**
- \* **INFLUENCE OF COMPACTION ENERGY ON BEHAVIOUR OF COMPACTED FILL" , International Road Federation, IRF Regional Conference for the Middle East and North Africa, Cairo , Egypt , 1978 .**
- \* **COEFFICIENT OF SUBGRADE REACTION FOR FOOTINGS ON COHESIONLESS SOIL" , 6<sup>TH</sup> Regional Conference for Africa on Soil Mechanics and Foundation Engineering , 1975 .**
- \* **A STUDY OF SOME OF THE AVAILABLE METHODS FOR MEASUREMENT OF IN-SITU DENSITY " , Bulletin No. 9 , Faculty of Engineering , Ain Shams University , 1978 .**
- \* **SURFACE TREATMENT OF NATURAL , SUBGRADE SOILS" , Bulletin No. 11 C1/1 , Faculty of Eng. Ain Shams University , 1980 .**
- \* **SHEAR STRENGTH OF SANDY SOILS REINFORCED WITH PLASTIC NETS" , Bulletin No., 18 , Faculty of Eng. , Ain Shams University , 1987 .**
- \* **ASSESSMENT OF THE AVERAGE COMPRESSIVE CONCRETE STRENGTH ALONG A PILE SHAFT " , Third international Conference on Application of Streets – Wave Theory on Piles , Ottawa , Canada , May 1988 .**