

## 1. Projects and References

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### 1.3. Soil Improvement Projects

### 1.4. Slope Stability/Landslide Prevention Projects

## 1. Projects and References

### 1.1. Geotechnical Reports

#### => Dragon Oil Tank Farm (Turkmenistan)

*Geotechnical Report Preparation, Disconnected Settlement Reducing Pile Design*

**Client:** İlk Construction

**Employer:** Dragon Oil

#### => Onshore Gas Treatment Plant (Garagol Deniz West Oil Development Project)

*Geotechnical Report Preparation*

**Client:** İlk Construction

**Employer:** Hyundai Eng. Co. Ltd.

#### => Haiti (Morne –A – Cabrit) Mass Housing Project

*Soil Improvement Project, Jet Grout Design*

**Client:** İlk Construction

**Employer:** PDVSA

#### => Kastamonu Entegre Samsun Plant Main Production Building

*Geotechnical Report Preparation*

**Client:** Kastamonu Entegre A.Ş.

#### => Kütahya Uşak State Road - Çavdarlıhisar Part and Bridges

*Geotechnical Report, Shallow and Deep Foundation Design*

**Client:** Tanjant Engineering

**Employer:** State Highways 14th Regional Directorate

#### => Tufanbeyli Power Plant Projesi

*Shallow and Deep Foundation Design, Slope Stability Analysis, 40m Thick Fill Design*

**Client:** SK Engineering and Construction, Toker Drilling & Construction

**Employer:** EnerjiSA

#### => Turkmenistan NSSC Project - Satellite Monitor Buildings

*Settlement Analysis with Strict Settlement Limits*

**Client:** İlk Construction

#### => Aerial Ropeway Project for Ardahan-Yalnızçam Ski Facilities

*Geotechnical Evaluation Report*

**Client:** Halatlı Holding

**Employer:** Ardahan Municipality

**=> Türkmenbaşı International Port Project**

*Geotechnical Report Preparation, Soil Bearing & Settlement Calculations (Eurocode), Foundation Piling Design*

**Client:** Modern Engineering – GAP Construction

**=> Damlatas Yüzüncüyıl Park – Alanya Castle Aerial Ropeway Project**

*Geotechnical Report Preparation and Consultancy*

**Client:** Halatlı Holding

**Employer:** Alanya Municipality

**=> Hamburger Kütahya Paper Production Plant**

*Consultancy for Geotechnical Services*

**Client:** Modern Engineering

**Employer:** Hamburger Turkey

**=> Trabzon – Beşikdüzü Aerial Ropeway Line Bottom Station Bazaar**

*Geotechnical Report Preparation*

**Employer:** Trabzon Metropolitan Municipality

**=> Dhaka U.S. Embassy, New WWTP Unit**

*Geotechnical Design and Foundation Design*

**Client:** Epik International

**=> Ayamama Stream Remediation Project (İstanbul)**

*Geotechnical Report along Stream Route, In-Situ Walls and Geotechnical Report for Bridge Foundations*

**Client:** TÜMAŞ

**Employer:** İstanbul Metropolitan Municipality

**=> Sirtivan River – Sinop Bridge**

*Geotechnical Evaluation Report*

**Client:** Tanjant Engineering

**Employer:** State Highways 7th Regional Directorate

**=> Modern Karton Plant Project**

*Geotechnical Report Preparation, Foundation Piling and Soil Improvement Below Foundation*

**Client:** Modern Engineering, Eren Energy

**=> Bortnychi STPM Project – Kiev, Ukraine**

*Geotechnical Evaluation Report*

**Client:** Modern Engineering, Doğuş Construction

**=> Manisa Şehzadeler Mass Housing Project**

*Geotechnical Evaluation and In-Situ Wall Project*

**Client:** Nokta Planning Architecture

**Employer:** Manisa Metropolitan Municipality

**=> European Free Zone (Tekirdağ) Branch Line**

*Geotechnical Evaluation Report for Railway Route*

**Client:** Prohit Proje

**Employer:** State Railways 1st Regional Directorate

**=> Himmetdede State Way Junction**

*Geotechnical Report for a Bridge Pier, Shallow Foundation Design*

**Client:** Tanjant Engineering

**Employer:** State Highways 6th Regional Directorate

**=> Gülnar – Mut State Way, Avşar, Göksu & Gelemiş Bridges**

*Geotechnical Report Preparation*

**Client:** Tanjant Engineering

**Employer:** State Highways 5th Regional Directorate

**=> Kırşehir – Ankara State Way, Hamit Junction Bridge**

*Geotechnical Report Preparation*

**Client:** Tanjant Engineering

**Employer:** State Highways 6th Regional Directorate

**=> Osmancık Merzifon Freeway – Bekircioğlu ve Asır River Bridges**

*Geotechnical Reports for Bridge Piers, Piled Foundation Design*

**Client:** Tanjant Engineering

**Employer:** State Highways 7th Regional Directorate

## **1.2. In-Situ Wall Systems**

**=> Underground and Aboveground Parking Areas and Transfer Stations in Istanbul**

*In-Situ Wall Design (Excavations up to 15-20m Depth) for EYU-15, EYU-37, UMR-45, UMR-76, MAL-45, SİS-08*

**Client:** Prota Engineering

**Employer:** İstanbul Metropolitan Municipality

**=> Rumeli Hisarı – Aşıyan Funicular Line**

*Basic Design of In-Situ Walls (Excavations up to 31m Depth)*

**Client:** OPTENG Engineering

**Employer:** İstanbul Metropolitan Municipality – Department of Transportation

**=> Cadde Bostan Housing Project**

*In-Situ Wall Design (Excavations up to 10m Depth), Mini Piling, Anchorage & Strut Support Applications*

**Client:** İsmet Tekinalp

**=> Kuruçeşme Parking Area Project**

*In-Situ Wall Design (Excavations up to 21m Depth) Bored Piling & Strut Support Application*

**Client:** Aymet Construction

**=> Hazindak Pier of Aerial Ropeway and Social Facility (Rize)**

*Up to 33m Depth Excavation, 23m of which is Permanent Retaining System, Cut and Cover Walls, Anchors, Soil Nails*

**Client:** Opteng Engineering

**Employer:** T.C. Provincial Administration of Rize

**=> Fikirtepe Alya Residence Housing Project (Istanbul)***Excavation up to 25m Depth Bored Piles, Anchors, Soil Nails***Client:** Ekşioğlu Yapı Makina Sanayi Tic. A.Ş.**=> Meram Underground Parking Area (Konya)***Excavation up to 14m Depth, Bored Piles, Anchors, and Tie-Back Applications***Client:** Opteng Engineering**Employer:** Konya Metropolitan Municipality**=> Şancity Project (İstanbul)***Curtain Walls, Bored Piles, Cut and Cover Walls, Anchors, Struts, and Tie-Backs Excavation up to 40m Depth***Client:** Vizzion Europe

NYS Consulting &amp; Construction

**=> Doğuş Construction and Trade, Maslak New Office Building Project***In-Situ Wall Design Consultancy***Client:** Yeni Teknik Yapı**=> One Tower Project (Oran-Ankara)***Excavation up to 35m Depth, Bored Piles, Anchors, Struts***Client:** Özçelik-İTO Yatırım, Toker Drilling Co.**=> Altın Koza University Campus Project (Ankara)***Excavation up to 40m Depth, Bored Piles, Anchors***Client:** Altınkoza University

Toker Drilling Co.

**=> Toprak Business Centre***In-Situ Wall Design up to 12m Depth, Bored Piles, Mini Piling, Anchors & Soil Nailing Applications***Client:** MENSAŞ**=> Maltepe Office Project***In-Situ Wall Design up to 20m Depth, Bored Piles, Anchors, Tie – Back & Soil Nailing Applications***Client:** İsmet Tekinalp**=> Kirazlı – Bakırköy Metro Line***In-Situ Wall Design up to 30m Depth, Struts, Anchors & Soil Nailing Applications***Client:** Prota Engineering**Employer:** T.C. Ministry of Transport, Maritime Affairs and Comm. – General Dir. of Infra. Inv.**=> Doğanıyol Municipality Service Building***In-Situ Wall Design up to 12m Depth***Client:** Mert-Can Architecture**Employer:** İller Bankası A.Ş.**=> Menteşe City Square***In-Situ Wall Design up to 16m Depth, Bored Piles & Anchorage Applications***Client:** MENSAŞ**Employer:** Menteşe Municipality

### **1.3. Soil Improvement Projects**

**=> Museum of Aegean Civilizations**

*Soil Improvement Project, In-Situ Wall Design*

**Client:** Liftstudio

**Employer:** The Ministry of Culture and Tourism

**=> Atermit Factory Building Soil Improvement Project**

*Soil Improvement Project, Jet Grout Design*

**Client:** Atermit Endüstri ve Ticaret A.Ş.

**=> Turgutlu Waste Water Treatment Plant Soil Improvement Project**

*Soil Improvement Project, Jet Grout Application*

**Client:** MASKİ

**Employer:** İLBANK (İller Bankası) – İzmir District Directorate

**=> Ahi Çelebi Sübyan Mektebi Restoration Project**

*Soil Improvement Project for Historical Building, Injection Application*

**Client:** OTS Engineering

**Employer:** İstanbul Metropolitan Municipality, Department of Cultural Assets Conservation

**=> Saruhanlı Youth Centre Soil Improvement & In-Situ Wall Project**

*Soil Improvement and In-Situ Wall Design Including Liquefaction Calculations and Jet Grout Design*

**Client:** MFK Architecture

**Employer:** Manisa Metropolitan Municipality

**=> Hasköy Waste Water Treatment Plant Soil Improvement Project**

*Soil Improvement Project, Jet Grout Design*

**Client:** Man-Ar Environmental Technologies

**Employer:** İzmir Water and Sewerage Administration

**=> İncehisar (Afyonkarahisar) Waste Water Treatment Plant Soil Improvement Project**

*Soil Improvement Project, Stone Column Design*

**Client:** Karçev Engineering

**Employer:** İller Bankası 4th Regional Directorate

**=> Dilovası (İzmit) Waste Water Treatment Plant Soil Improvement Project**

*Soil Improvement Project, Piled Foundation Design*

**Client:** Özbek Engineering

**Employer:** İzmit Water and Sewerage Administration

**=> Karaköy PTT Building Soil Improvement Project**

*Soil Improvement Project*

**Employer:** European Side Head Office of PTT

**=> AGDAŞ Building Soil Improvement Project**

*Soil Improvement Project, Jet Grout Design*

**Client:** Agdaş Adapazarı Gaz Dağıtım A.Ş.

**=> Kırkağaç Manisa Waste Water Treatment Plant Soil Improvement Project**

*Soil Improvement Project, Jet Grout Design*

**Client:** Özbek Engineering

**Employer:** İller Bankası General Directorate

#### **1.4. Slope Stability/Landslide Prevention Projects**

**=> TANAP Project, Armutveren and Posof Ridge Zone**

*Slope Stability and Landslide Risk Assessment*

**Client:** FERNAS

**=> Beyoğlu Historical Stone Wall Restoration Project**

*Technical Assessment for the Stability of the Wall*

**Client:** OTS Engineering

**=> Bahribaba Electrical Substation**

*Stability Assessment for Existing Retaining Wall*

**Client:** Opteng Engineering

**=> Landslide Prevention and Retaining Wall in İzmit Radar Street**

*Landslide Prevention Project Preparation*

**Client:** MENSAŞ

**Employer:** İzmit Municipality