



**I**DEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

# WHERE ENGINEERING PRECISION MEETS MODERN SPATIAL DESIGN

Infrastructure Design Engineering & Architecture

[Company Profile](#) | [Ecosystem](#) | [Featured Projects](#) | [Awards](#)



# About IDEArc



IDEArc International Engineering and Consulting LLC is a premier multi-disciplinary firm specializing in comprehensive **I**nfrastructure, **D**esign, **E**ngineering, and **A**rchitecture services. Leveraging cutting-edge technology, we deliver innovative transportation and infrastructural engineering solutions across a wide spectrum of global projects, from master planning to industrial designs.



📍 **TUPRAS KIRIKKALE REFINERY BRIDGES | TURKIYE - 2023**

**International**  
Middle East - Europe - US - UK - North Africa

**9 Countries**  
TURKIYE - TURKMENISTAN - UZBEKISTAN  
UNITED STATES - LIBYA - MONTENEGRO  
ALBANIA - BULGARIA AND MORE...

**700+ Projects**  
Completed



## Transportation & Road Design

Engineering seamless connectivity through advanced road geometry, intersection design, and strategic traffic master planning.

## Infrastructure & Engineering Structures

Delivering high-precision earthworks, infrastructure design, and structural performance analysis backed by BIM technology.

## Spatial Planning & Architectural Design

Shaping the future of environments through visionary urban design, industrial master planning, and modern architectural solutions.



# Core Expertise



# Transportation & Road Design

## 3D Modeling

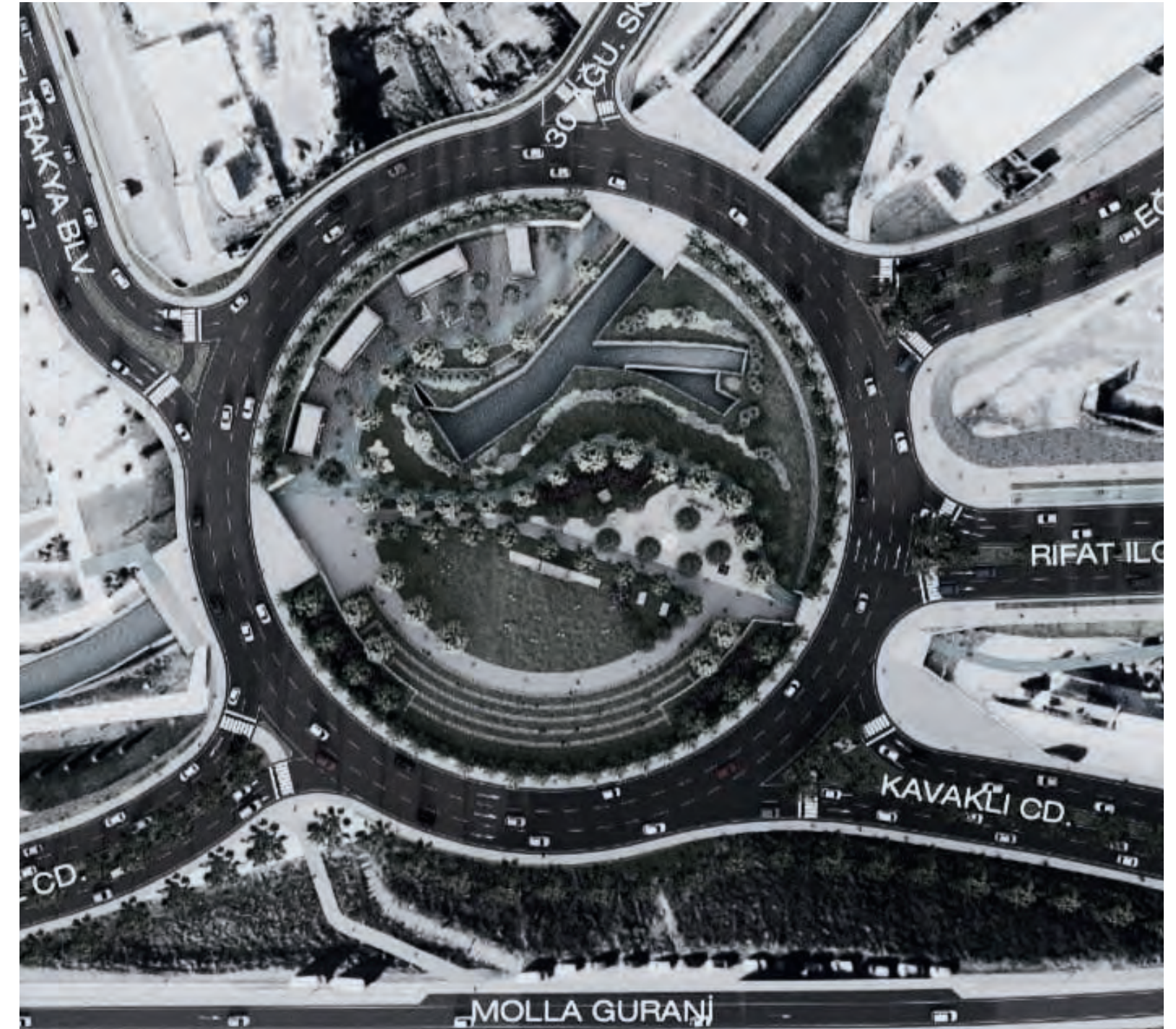
High-precision engineering is executed through advanced digital terrain models and automated design workflows.

- High-capacity highway engineering.
- Complex intersection geometry.
- Automated conflict elimination.
- Mathematical design precision.

## Traffic Intelligence

Urban mobility is maximized through strategic master planning and rigorous capacity analyses.

- Macroscopic traffic simulations.
- Strategic mobility masterplanning.
- Future-proof network design.
- Congestion minimization strategies.



📍 **VOLVO INTERSECTION | TURKIYE-2022**



# Infrastructure & Engineering Structures

## Infrastructure Design

High-systematic infrastructure solutions are developed through integrated terrain analysis.

- Advanced earthwork optimization.
- Integrated utility planning.
- Precise drainage modeling.
- Sustainable site preparation.

## Digital Twin

Structural integrity is ensured through rigorous performance analysis and advanced asset digitization.

- Rigorous structural analysis.
- BIM coordination.
- Advanced performance modeling.
- Innovative material engineering.



📍 **HALIC TERSANE MIXED-USE PROJECT | TURKIYE - 2019/2026**



# Spatial Planning & Architectural Design

## Spatial Planning

Visionary urban design strategies are formulated to maximize land potential and community integration.

- Industrial master planning.
- Strategic zoning development.
- Large-scale urban design.
- Macro-level land optimization.

## Architectural Design

Modern architectural solutions are delivered with a strict focus on functional aesthetics and sustainability.

- Conceptual design development.
- Functional space programming.
- Sustainable building solutions.
- High-end aesthetic engineering.



📍 **ALOSBI – IZMIR ALIAGA ORGANIZED INDUSTRIAL ZONE | TURKIYE – 2021**



# IDEArc Ecosystem



## ■ IDEARC Him

### INFRASTRUCTURE BIM AUTHORIZING

HIM unifies fragmented design, quantity, and alignment data into a single synchronized model to eliminate cross-discipline errors and ensure rapid revision tracking.

## ■ IDEARC Hub

### PROJECT ECOSYSTEM MANAGEMENT

HUB unifies disconnected tools into a single source of truth with role-based access and version history, shortening coordination cycles and increasing delivery reliability.

## ■ IDEARC Stream

### DIGITAL TWIN ACCESS

STREAM is the platform where projects digital twins can be accessed from anywhere, on any device.

## ■ IDEARC BIMo

### EXTENDED REALITY INSPECTION

BIMo runs automatic rules for naming quality, geometry, and discipline clashes to find model issues early and improve delivery quality.

## ■ IDEARC GIS

### CONSTRUCTION SITE MAPPING

GIS combines different spatial data formats into one standard map and dashboard, making technical evaluations easier to trace and helping stakeholders compare project alternatives faster.

## ■ IDEARC Rendr

### AUTOMATED RENDERING WORKFLOW

RENDR links template scenes directly to the design model, automating the visual production queue to prepare stakeholder presentations faster after every project revision.



# IDEARC Him INFRASTRUCTURE **BIM** AUTHORIZING

HIM unifies fragmented design, quantity, and alignment data into a single synchronized model to eliminate cross-discipline errors and ensure rapid revision tracking.

Featured Capabilities;

✓ Cost Analysis & Scheduling   ✓ Dynamic   ✓ User Friendly

Best For

✓ Large Scale Infrastructure Projects

**Request Demo** →





# IDEARC Hub PROJECT MANAGEMENT

HUB unifies disconnected tools into a single source of truth with role-based access and version history, shortening coordination cycles and increasing delivery reliability.

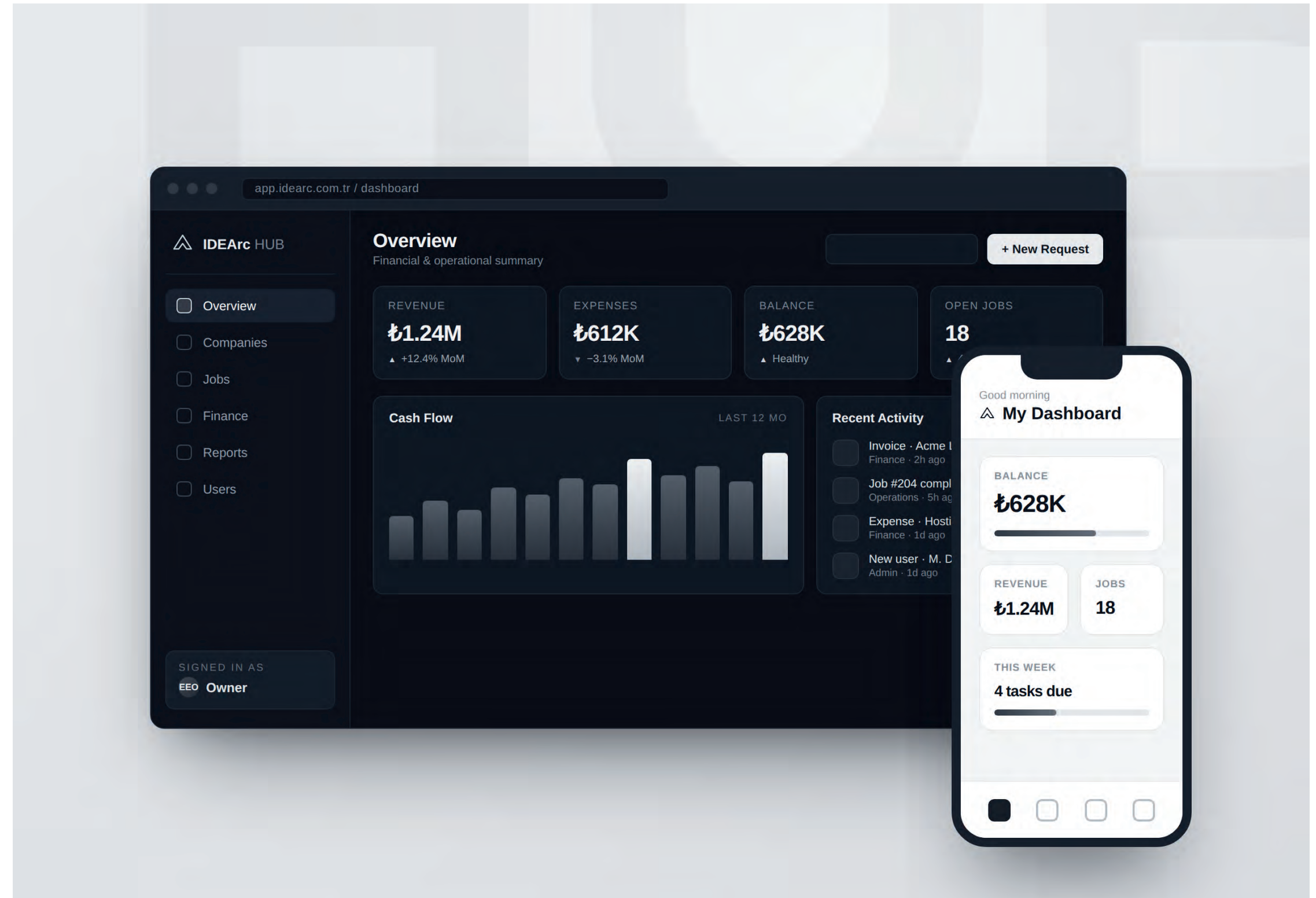
Featured Capabilities;

☒ Online Project Tracking   ☒ Dynamic   ☒ Task Based

Best For

☒ Large Scale Offices

**Request Demo** →





# IDEARC Stream **DIGITAL TWIN** PLATFORM

STREAM is the platform where projects digital twins can be accessed from anywhere, on any device.

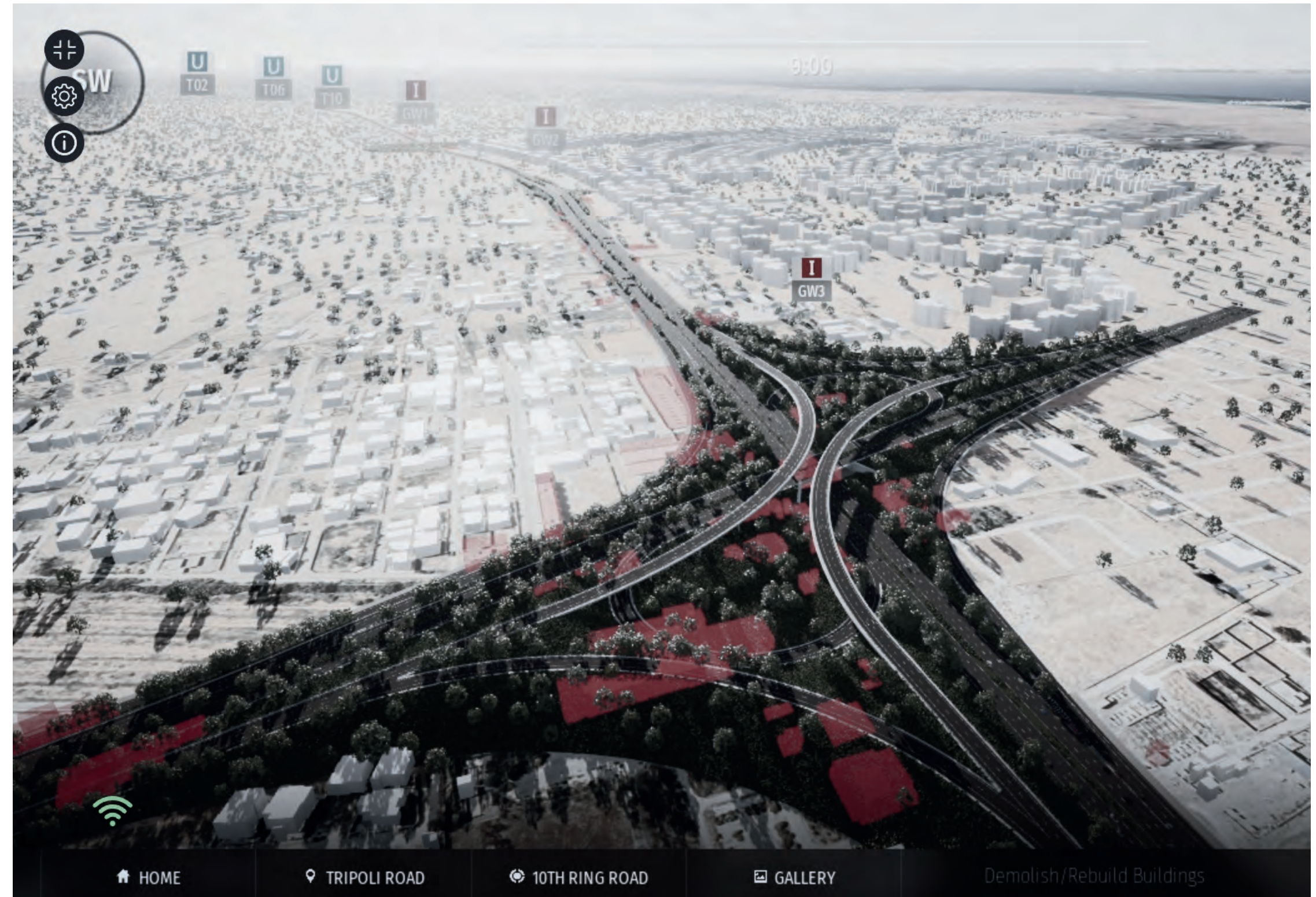
Featured Capabilities;

☒ Online Pixel Streaming   ☒ Dynamic   ☒ Live Traffic

Best For

☒ Large Scale Project

**Request Demo** →





# IDEARC Bimo EXTENDED REALITY INSPECTION

BIM0 runs automatic rules for naming quality, geometry, and discipline clashes to find model issues early and improve delivery quality.

Featured Capabilities;

☒ VR Meetings - Collaboration ☒ Dynamic ☒ User Friendly

Best For

☒ Large Scale Project

**Request Demo** →





# IDEARC GIS CONSTRUCTION SITE **MAPPING**

GIS consolidates spatial data into unified maps and dashboards, streamlining technical evaluations and accelerating alternative comparisons.

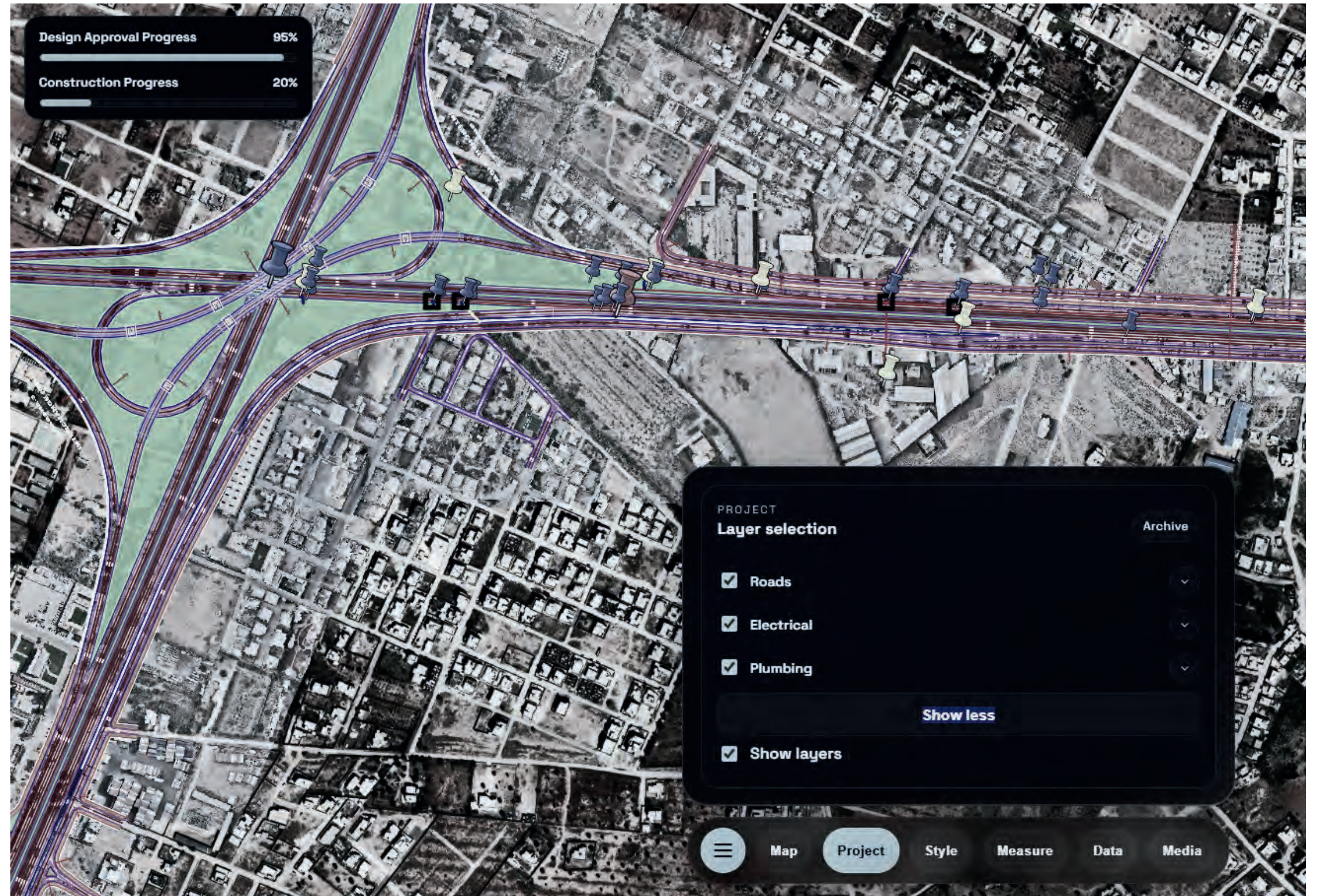
Featured Capabilities;

☒ Dynamic Revision Tracking ☒ GIS Based ☒ Online

Best For

☒ Large Scale Project

**Request Demo** →





# IDEARC Rendr AUTO - RENDERING WORKFLOW

RENDER links template scenes directly to the design model, automating the production queue to prepare stakeholder presentations faster after every revision.

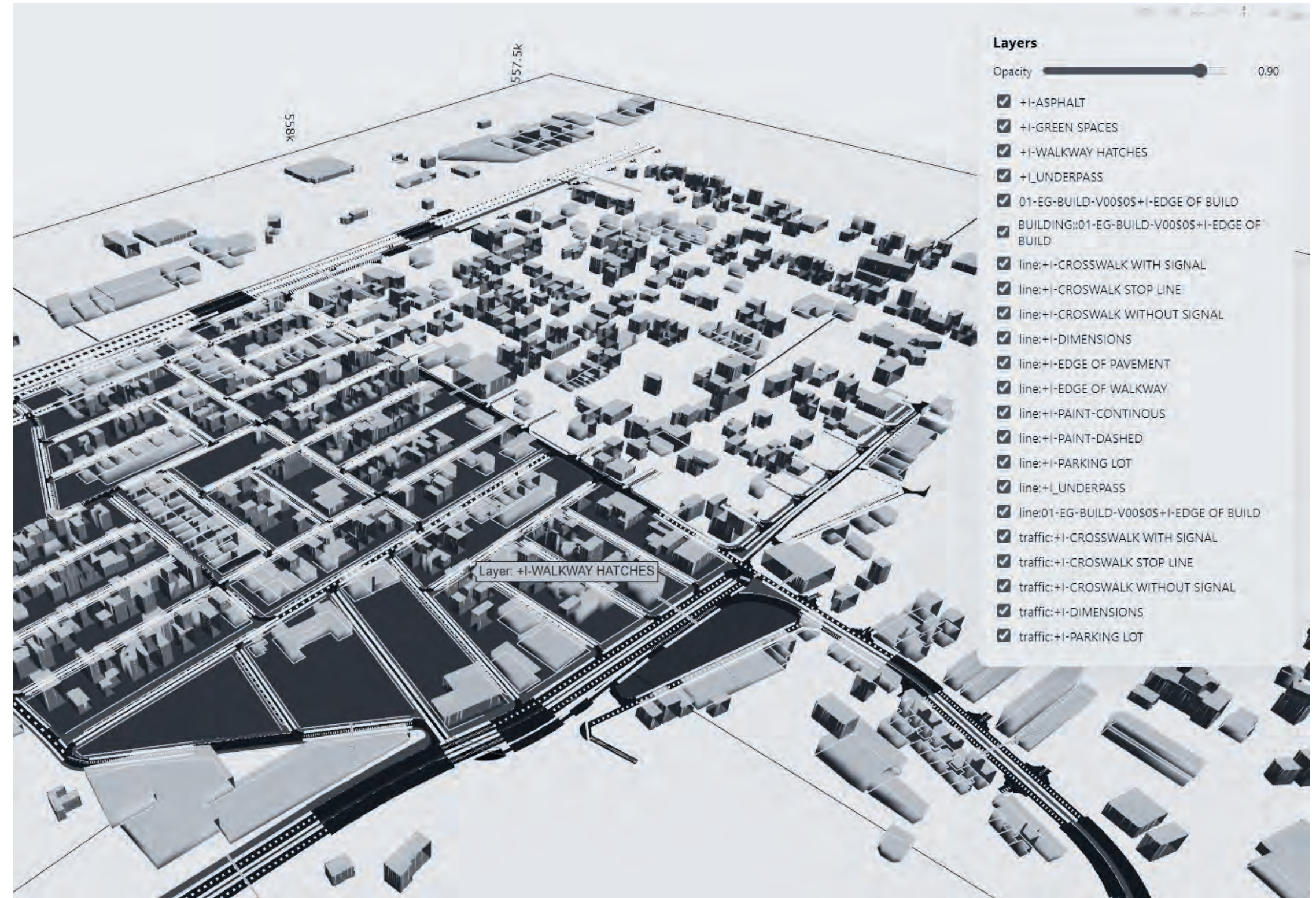
Featured Capabilities;

☒ One-Click 3D Modelling ☒ Dynamic ☒ Online

Best For

☒ Large Scale Project

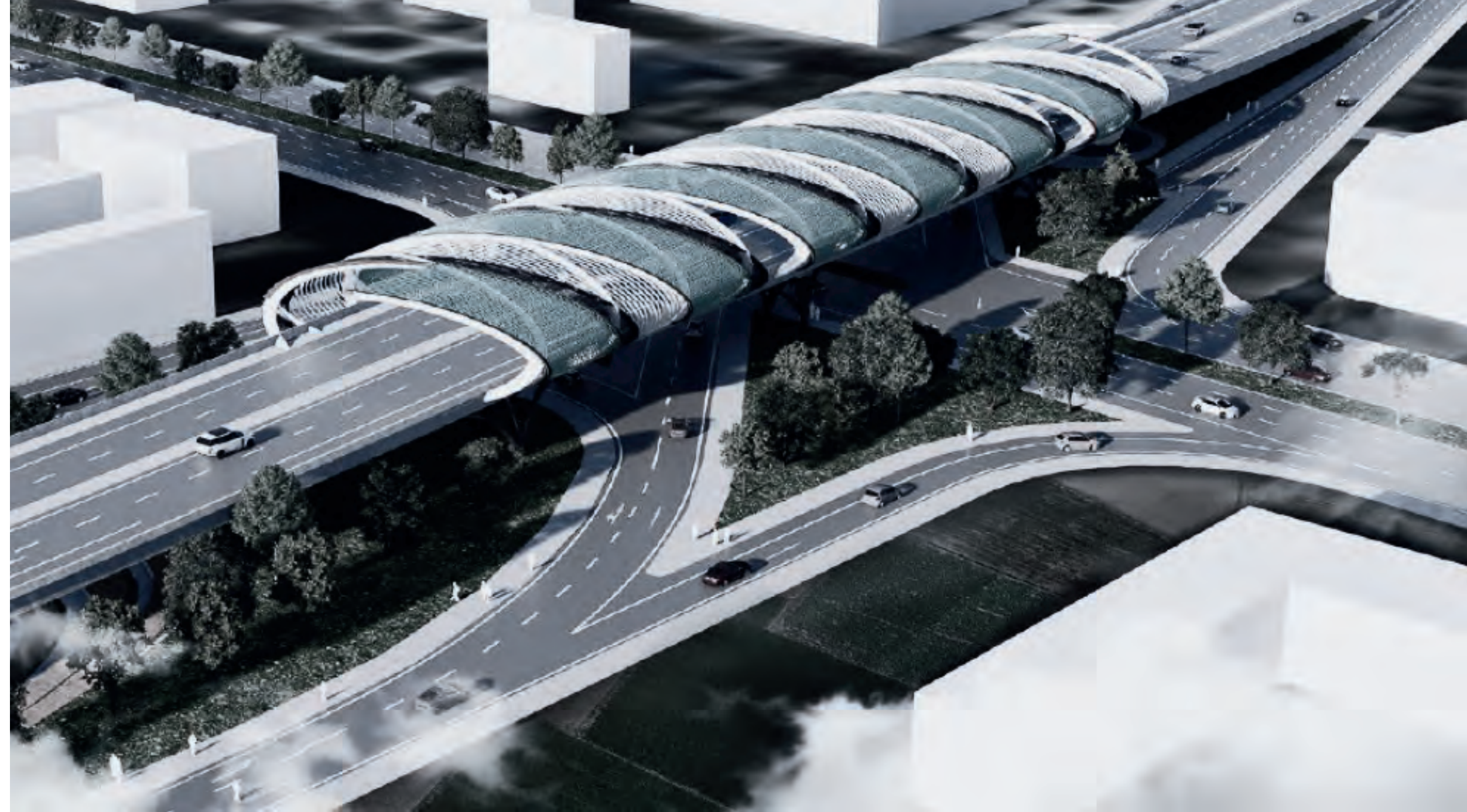
**Request Demo** →





# TOSHKENT QORASOY CHORRAXA INTERSECTION DESIGN | 2019

**GOVERNORSHIP OF TOSHKENT & ÖZGÜVEN**  
MIMARLIK



**4 Units**

INTERSECTIONS DESIGN &  
CIRCULATION

**4 Km**

CONNECTION ROADS,  
SCHEMATIC DESIGN

**4 Units**

BRIDGE DESIGN



# UPGRADE OF TRIPOLI & 10th RING ROAD OF BENGHAZI

| 2025

**LIBCO CO. - LIBYA DEVELOPMENT &  
RECONSTRUCTION FUND**



**740 ha**

MASTER PLANNING &  
TOPOGRAPHIC SURVEYING

**75 Km**

CONNECTION ROADS,  
EARTHWORKS,

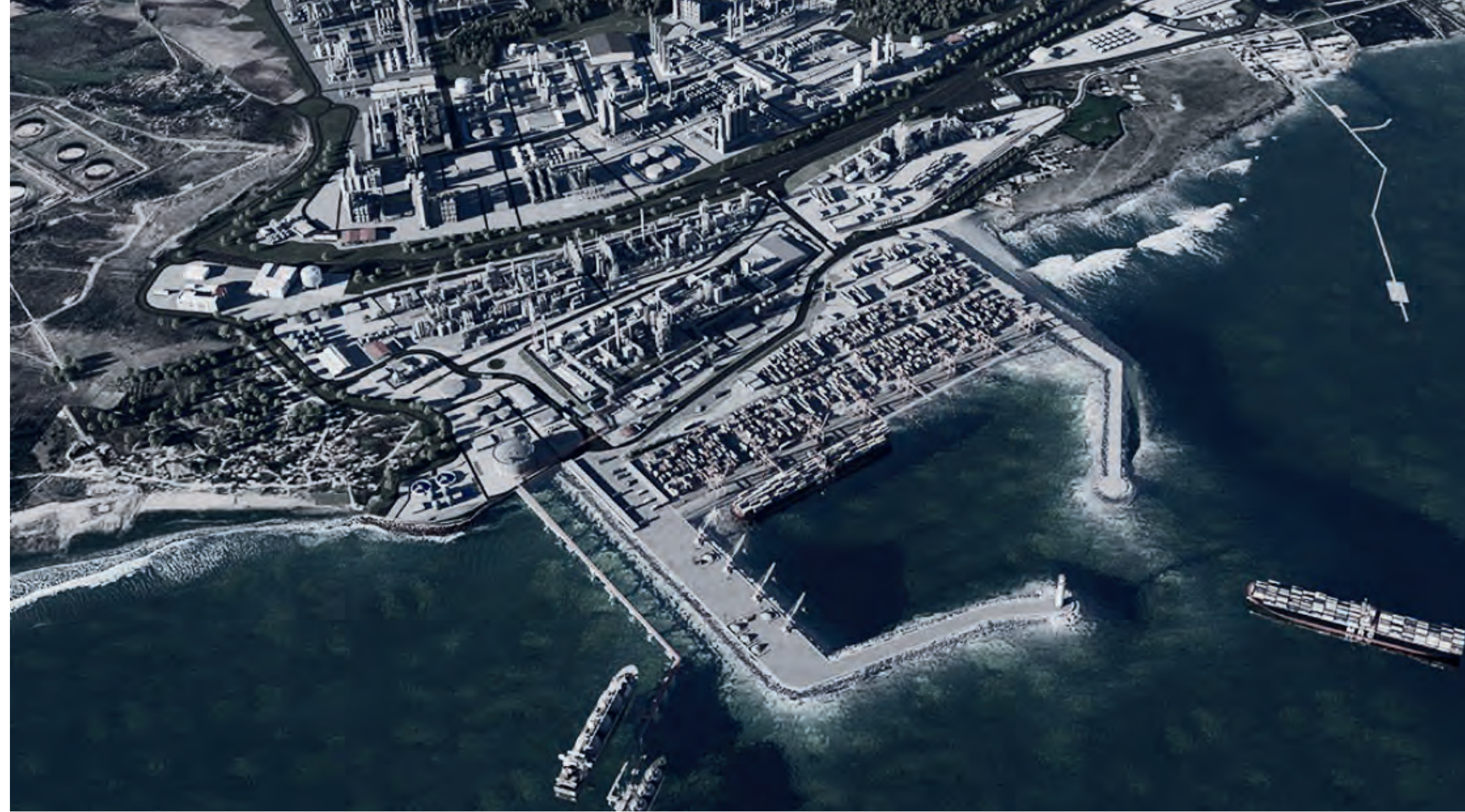
**11 Units**

INTERCHANGE  
DESIGN



# CEYHAN PETROCHEMISTRY INDUSTRIAL ZONE INFRASTRUCTURE DESIGN | 2022

**RONESANS CO. & CEYHAN PETROKIMYA**  
INDUSTRIAL ZONE MANAGEMENT



**1,450 ha**

MASTER PLANNING OF  
LOGISTIC ZONE

**25 Km**

CONNECTION ROADS,  
INFRASTRUCTURE

**6.5 M m<sup>3</sup>**

EARTHWORKS ENGINEERING AND  
SPATIAL PLANNING



**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **ROAD & INFRA. DESIGN**

# BEYLIKDUZU, VOLVO INTERSECTION PROJECT DESIGN | 2022

**ISTANBUL METROPOLITAN MUNICIPALITY**



**3 ha**

URBAN PLAN  
DETAILED DESIGN

**8 Km**

CONNECTION ROADS,  
EARTHWORKS

**4 Units**

BRIDGES AND PEDESTRIAN  
UNDERPASS DESIGN



# CROSSING BRIDGES, PERFORMANCE & REINFORCEMENT DESIGN | 2023

**i** TUPRAS, TURKIYE PETROL RAFINERILERI AŞ.



**24 ha**

3D LIDAR & GPR  
SCANNING

**140 Units**

CONCRETE CORE  
DRILLING & TESTING

**63 Units**

SEISMIC PERFORMANCE  
ANALYSIS FOR BRIDGES



FEATURED PROJECTS | **ROAD & INFRA. DESIGN**

# UZBEKISTAN TOSHKENT FERGHANA ROAD DESIGN | 2018

**i** GOVERNORSHIP OF TOSHKENT & ÖZGÜVEN  
MIMARLIK



**30 ha**

MASTER PLANNING OF  
MIXED-USE ZONE

**11 Km**

CONNECTION ROADS,  
SCHEMATIC DESIGN

**3 Units**

BRIDGES AND  
UNDERPASSES



# TURKMENBASHI INTERNATIONAL SEAPORT RAIL LINES DESIGN | 2015

**GAP CONSTRUCTION**



**80 ha**

MASTER PLANNING OF  
LOGISTICS ZONE

**9 Km**

CONNECTION ROADS  
DETAILED DESIGN

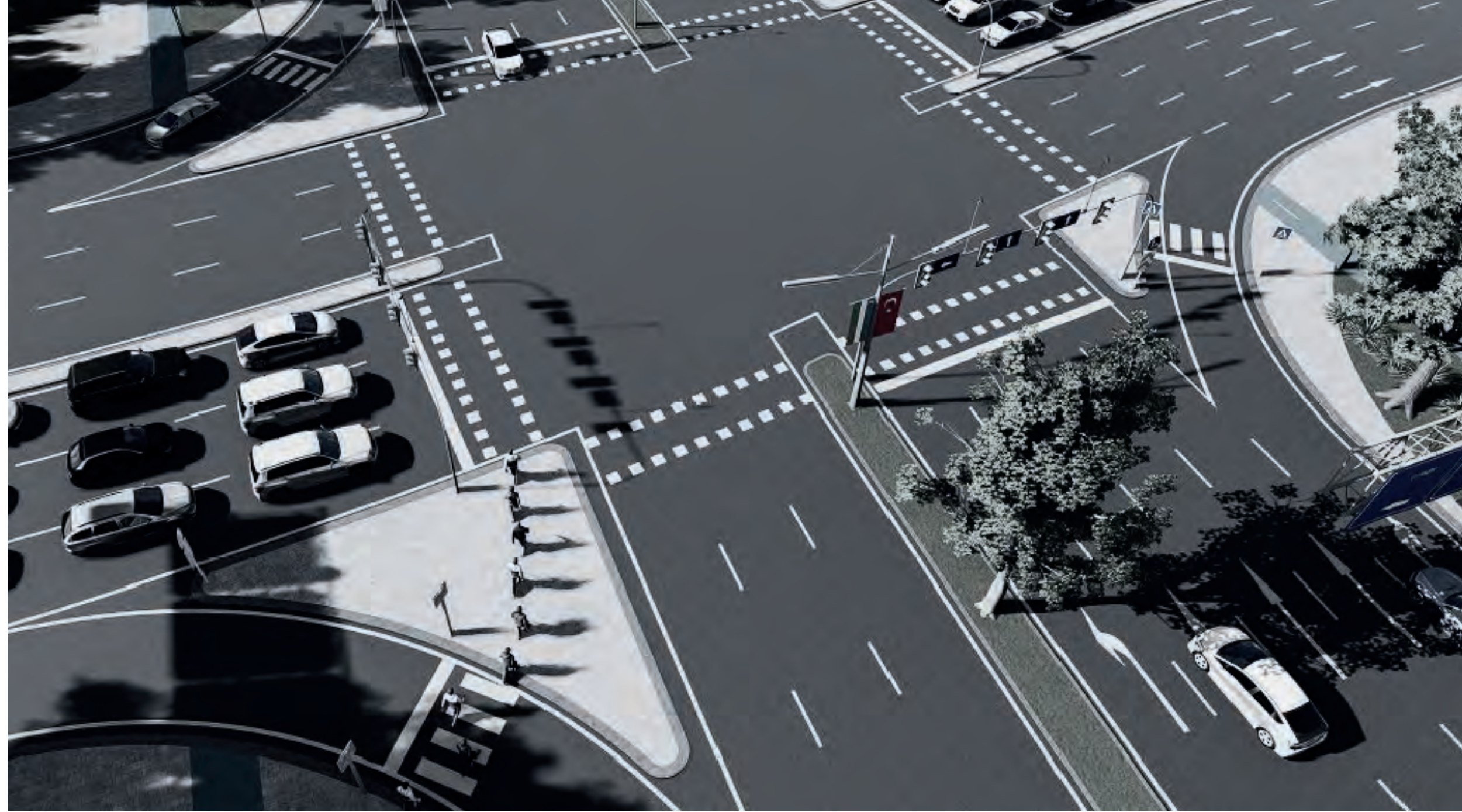
**30 Km**

RAILWAY DESIGN,  
SHUNTING YARD



# UZBEKISTAN TOSHKENT ALISHER NAVOI STREET CONCEPT DESIGN | 2018

**GOVERNORSHIP OF TOSHKENT**



**75 ha**

URBAN PLANNING  
DETAILED DESIGN

**7 Km**

CONNECTION ROADS,  
EARTHWORKS

**3,700 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **ROAD & INFRA. DESIGN**

# SAMSUN RECEP TAYYIP ERDOGAN BOULEVARD PROJECT DESIGN | 2020

**SAMSUN METROPOLITAN MUNICIPALITY**



## 3 Units

BRIDGES AND  
UNDERPASSES

## 12 Km

CONNECTION ROADS,  
EARTHWORKS

## 12 Km

INFRASTRUCTURE  
DESIGN



# KUZU GRUP ADİYAMAN - ROAD CONSTRUCTION DESIGN | 2024

**KUZU GRUP**



**10 Units**

ROAD AND INTERSECTION  
DESIGN CHECK

**6 Km**

CONNECTION ROADS,  
EARTHWORKS

**6 Km**

INFRASTRUCTURE  
CONSULTANCY



**i** IDEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **ROAD & INFRA. DESIGN**

# SINOP UNIVERSITY ROAD AND INFRASTRUCTURE DESIGN | 2024

**■** SINOP UNIVERSITY MANAGEMENT &  
DM ENGINEERING CO.



**25 ha**

MASTER PLANNING OF  
RECREATIONAL ZONE

**5 Km**

CONNECTION ROADS,  
EARTHWORKS

**5,300 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



# INVEST BODRUM RESIDENTIAL PROJECT-ROAD DESIGN | 2024

**i** INVEST CO.



**15 ha**

MASTER PLANNING OF  
MIXED-USE ZONE

**4 Km**

CONNECTION ROADS,  
EARTHWORKS

**2,700 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



# NORTH MARMARA HIGHWAY EARTHWORKS & DRAINAGE DESIGN | 2025

**i** ICA-ICTAS



**56 ha**

MASTER PLANNING OF THE  
EARTH STOCKPILE ZONE

**1,1 Km**

HYDRAULIC DESIGN OF 5X5  
CULVERT

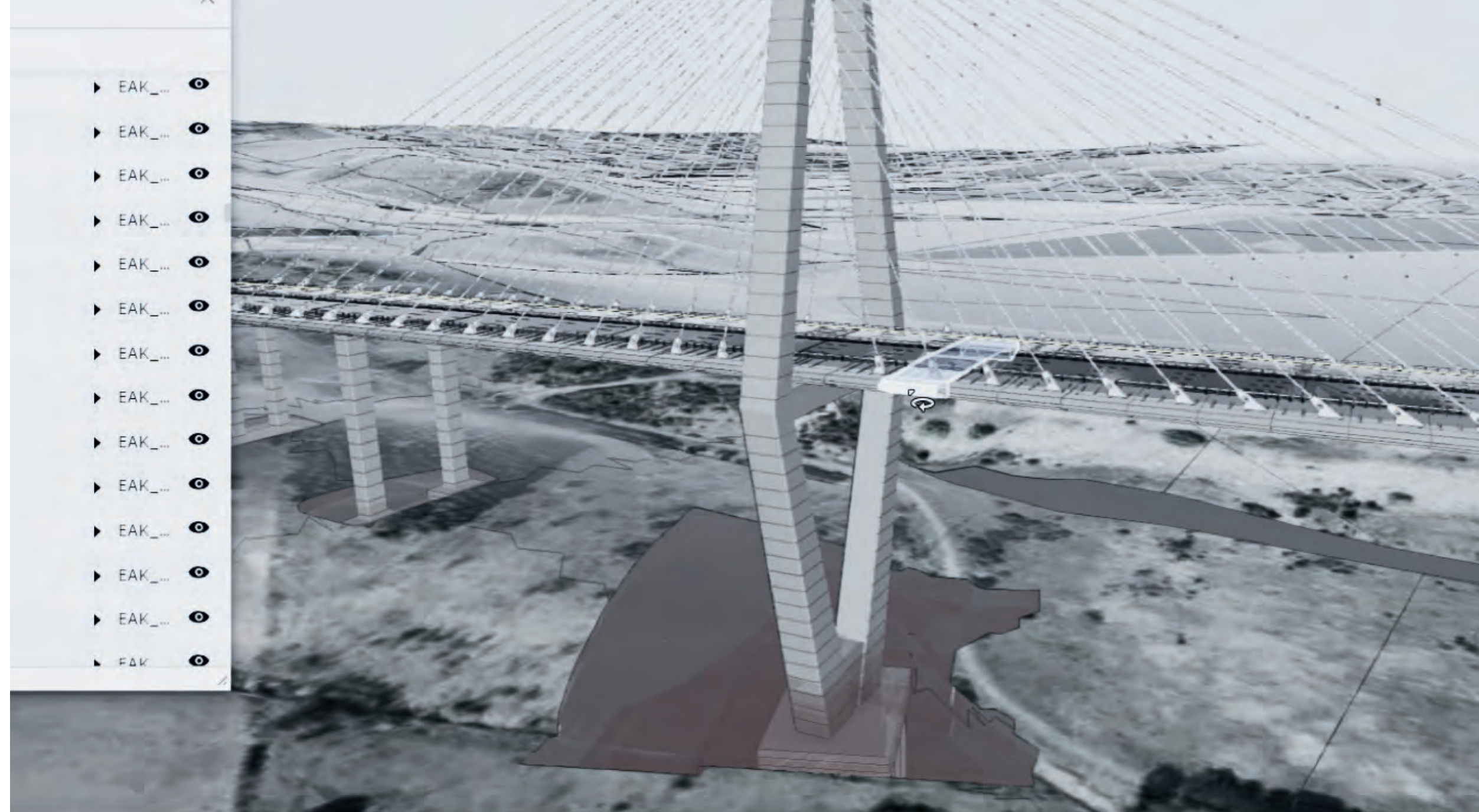
**4.7 M m<sup>3</sup>**

EARTHWORKS ENGINEERING AND  
SPATIAL PLANNING



# NORTH MARMARA HIGHWAY - 8TH PHASE BIM PROJECTS | 2021

**■** RONESANS CO.



**1 Unit**

BIM MODELLING OF  
CABLE-STAYED BRIDGE

**37 Km**

CONNECTION ROADS,  
EARTHWORKS,

**123 Units**

ENGINEERING STRUCTURES  
CULVERTS, BRIDGES, VIADUCTS



# BRSKOVO MINE INFRAWORKS MODEL BIM & SUPERIMPOSED PROJECTS | 2021

**■** TARA RESOURCES



**685 ha**

MASTER PLANNING OF  
MINING ZONE

**7 Km**

CONNECTION ROADS,  
EARTHWORKS

**252 M m<sup>3</sup>**

EARTHWORKS ENGINEERING AND  
SPATIAL PLANNING



FEATURED PROJECTS | **PORTS & IND. PLANTS**

# AMBARLI PORT- KUMPORT FACILITIES EXPANSION DESIGN | 2015

**■** KUMPORT CO.



**2 ha**

LEVEL DESIGN OF  
LOGISTICS ZONE

**1 Km**

CONNECTION ROADS,  
SWEPT-PATH ANALYSIS

**8,200 m<sup>2</sup>**

OPEN STORAGE  
AREA DESIGN



**i** IDEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **PORTS & IND. PLANTS**

# DOBRICH INDUSTRIAL ZONE, MASTERPLAN DESIGN | 2022

**■** ASPA ENGINEERING LTD.



**50 ha**

MASTER PLANNING OF  
LOGISTIC ZONE

**7 Km**

CONNECTION ROADS,  
EARTHWORKS

**3,500 m<sup>2</sup>**

TRUCK PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



FEATURED PROJECTS | **PORTS & IND. PLANTS**

# LOJIPORT - ISNAK LOGISTICS ZONE ROAD AND EARTHWORKS DESIGN | 2016

**ISNAK BUILDING SOCIETY OF LOGISTICS**



**30 ha**

MASTER PLANNING OF  
LOGISTICS ZONE

**5 Km**

CONNECTION ROADS,  
EARTHWORKS

**5,500 m<sup>2</sup>**

TRUCK PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



# ASKOOP INDUSTRIAL ZONE ROAD AND EARTHWORKS DESIGN | 2016

**■** DENGİ ALTYAPI CO.



**70 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**10 Km**

CONNECTION ROADS,  
EARTHWORKS

**3 Km**

ACCESS ROAD  
DETAILED DESIGN



# SEKAY - INTEGRATED SOLID WASTE MANAGEMENT PLANT

| 2018

**■** SİYAHKALEM ENGINEERING AND  
CONSTRUCTION CO.



**50 ha**

MASTER PLANNING OF WASTE  
MANAGEMENT PLANT

**1 Km**

CONNECTION ROADS,  
EARTHWORKS

**2 ha**

STORMWATER  
DESIGN



**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **PORTS & IND. PLANTS**

# YALOVA AVRASYA ORGANIZED INDUSTRIAL ZONE DESIGN | 2017

**YALOVA GİYİM İHTİSAS ORGANIZED**  
INDUSTRIAL ZONE MANAGEMENT



**200 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**26 Km**

CONNECTION ROADS,  
EARTHWORKS

**2,500 m**

HYDRAULIC DESIGN OF NATURAL  
STORMWATER CHANNELS



**i** IDEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **PORTS & IND. PLANTS**

# HADIMKOY VADITEPE INDUSTRIAL ZONE DESIGN | 2019

**■** DENGİ ALTYAPI CO.



**16 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**4 Km**

CONNECTION ROADS,  
EARTHWORKS

**12 Km**

STORMWATER AND  
WASTEWATER DESIGN



# YALOVA SHIP SPECIALIZED ORGANIZED INDUSTRIAL ZONE

| 2017

**YALOVA GEMİ İHTİSAS ORGANIZED  
INDUSTRIAL ZONE MANAGEMENT**



**100 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**16 Km**

CONNECTION ROADS,  
DRAINAGE,

**2,500 m**

HYDRAULIC DESIGN OF NATURAL  
STORMWATER CHANNELS



FEATURED PROJECTS | **PORTS & IND. PLANTS**

# SANLIURFA- URFA FOOD ORGANIZED INDUSTRIAL ZONE

| 2018

**■** MINISTRY OF COMMERCE AND INDUSTRY &  
SIGMA ENG. CO.



**356 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**9 Km**

CONNECTION ROADS,  
EARTHWORKS

**5 Units**

STORMWATER CROSS-DRAINAGE  
CULVERT DESIGN

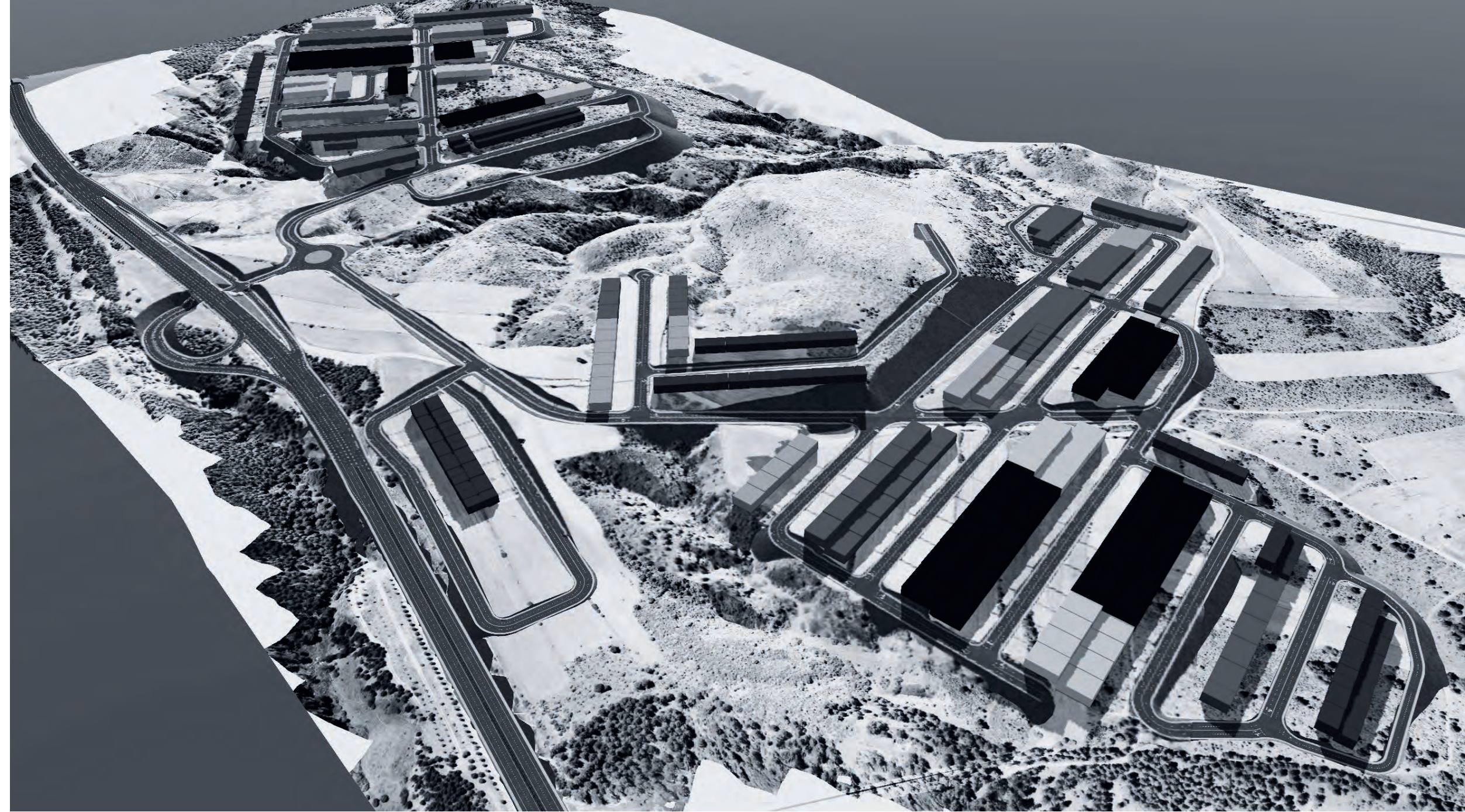


**i** IDEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **PORTS & IND. PLANTS**

# KASTAMONU SS. MASLAK INDUSTRIAL ZONE DESIGN | 2019

**i** KASTAMONU S.S. MASLAK INDUSTRIAL ZONE  
MANAGEMENT



**130 ha**  
MASTER PLANNING OF  
LOGISTIC ZONE

**13 Km**  
CONNECTION ROADS,  
INTERCHANGE DESIGN

**5.2 M m<sup>3</sup>**  
EARTHWORKS ENGINEERING AND  
SPATIAL PLANNING



# CERKEZKOY ORGANIZED INDUSTRIAL ZONE DESIGN | 2021

**■** DENGİ ALTYAPI CO.



**190 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**20 Km**

CONNECTION ROADS,  
EARTHWORKS

**3,000 m**

HYDRAULIC DESIGN OF NATURAL  
STORMWATER CHANNELS



# **ALOSBI - IZMIR ALIAGA ORGANIZED INDUSTRIAL ZONE**

| 2021

**ALOSBI ORGANIZED INDUSTRIAL ZONE  
MANAGEMENT**



## **2 Units**

ENTRANCE BUILDING AND TRUCK  
SERVICES BUILDING DESIGN

## **5 Km**

HEAVY UNITS SWEPT  
PATH DESIGN

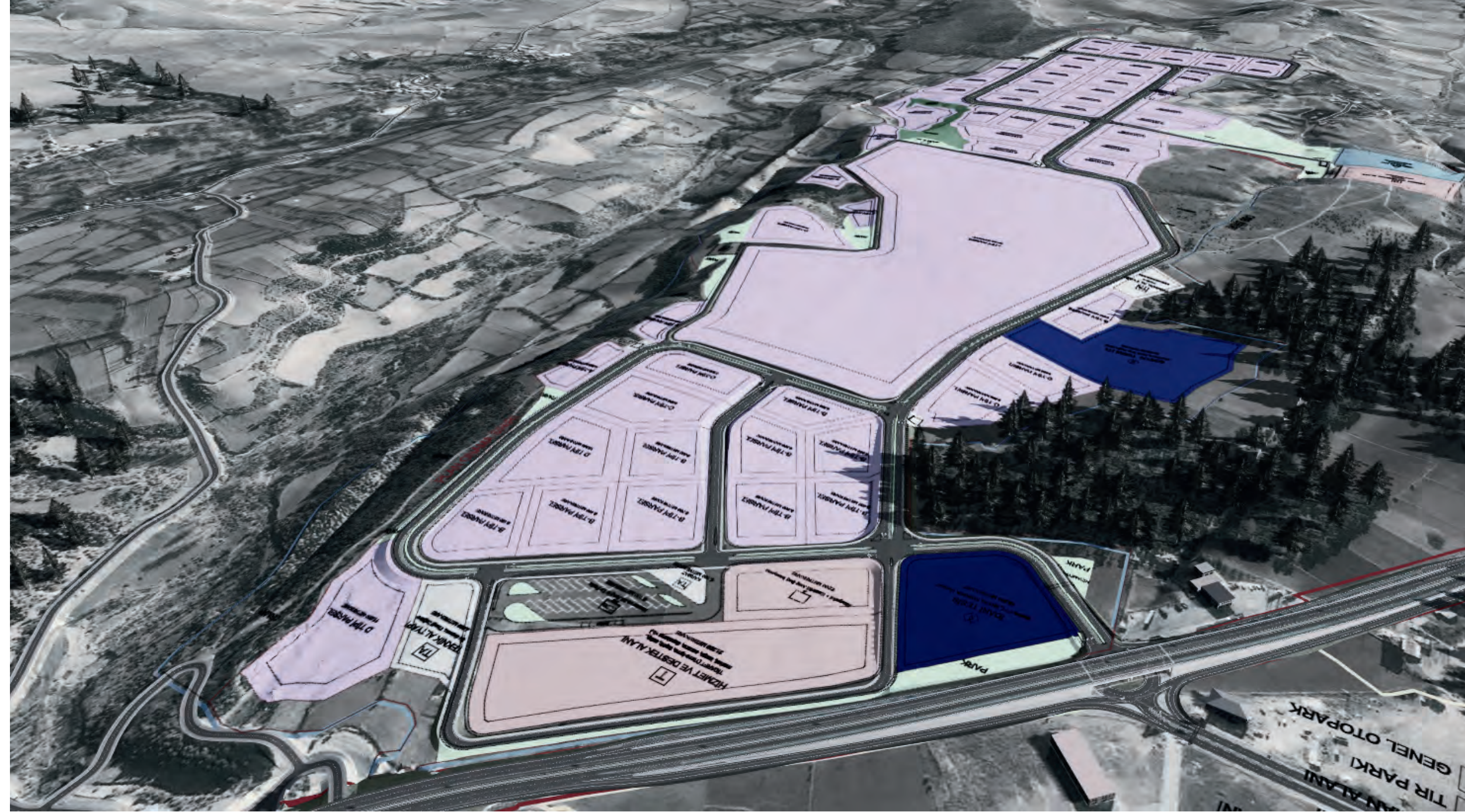
## **5,700 m<sup>2</sup>**

TRUCK PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



# KASTAMONU - 2 ORGANIZED INDUSTRIAL ZONE DESIGN | 2021

**HMG KESKIN ARC.**



**105 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**17 Km**

CONNECTION ROADS,  
INFRASTRUCTURE

**2.8 M m<sup>3</sup>**

BULK EARTHWORKS ENGINEERING  
AND SPATIAL PLANNING



FEATURED PROJECTS | **PORTS & IND. PLANTS**

# PAKOP - PLASTIC SPECIALIZED ORGANIZED INDUSTRIAL ZONE

| 2022

**PAKOP PLASTIC SPECIALIZED ORGANIZED  
INDUSTRIAL ZONE MANAGEMENT**



**80 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**21 Km**

CONNECTION ROADS,  
CONCEPTUAL DESIGN

**3.0 M m<sup>3</sup>**

EARTHWORKS ENGINEERING AND  
SPATIAL PLANNING



**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **PORTS & IND. PLANTS**

# SVISHTOV ORGANIZED INDUSTRIAL ZONE MASTERPLAN DESIGN | 2022

**ASPA ENGINEERING LTD.**



**35 ha**

MASTER PLANNING OF  
INDUSTRIAL ZONE

**1 Unit**

CONCEPTUAL DESIGN OF  
CONNECTION BRIDGE

**50,000 m<sup>2</sup>**

URBAN DESIGN &  
SOCIAL FACILITIES

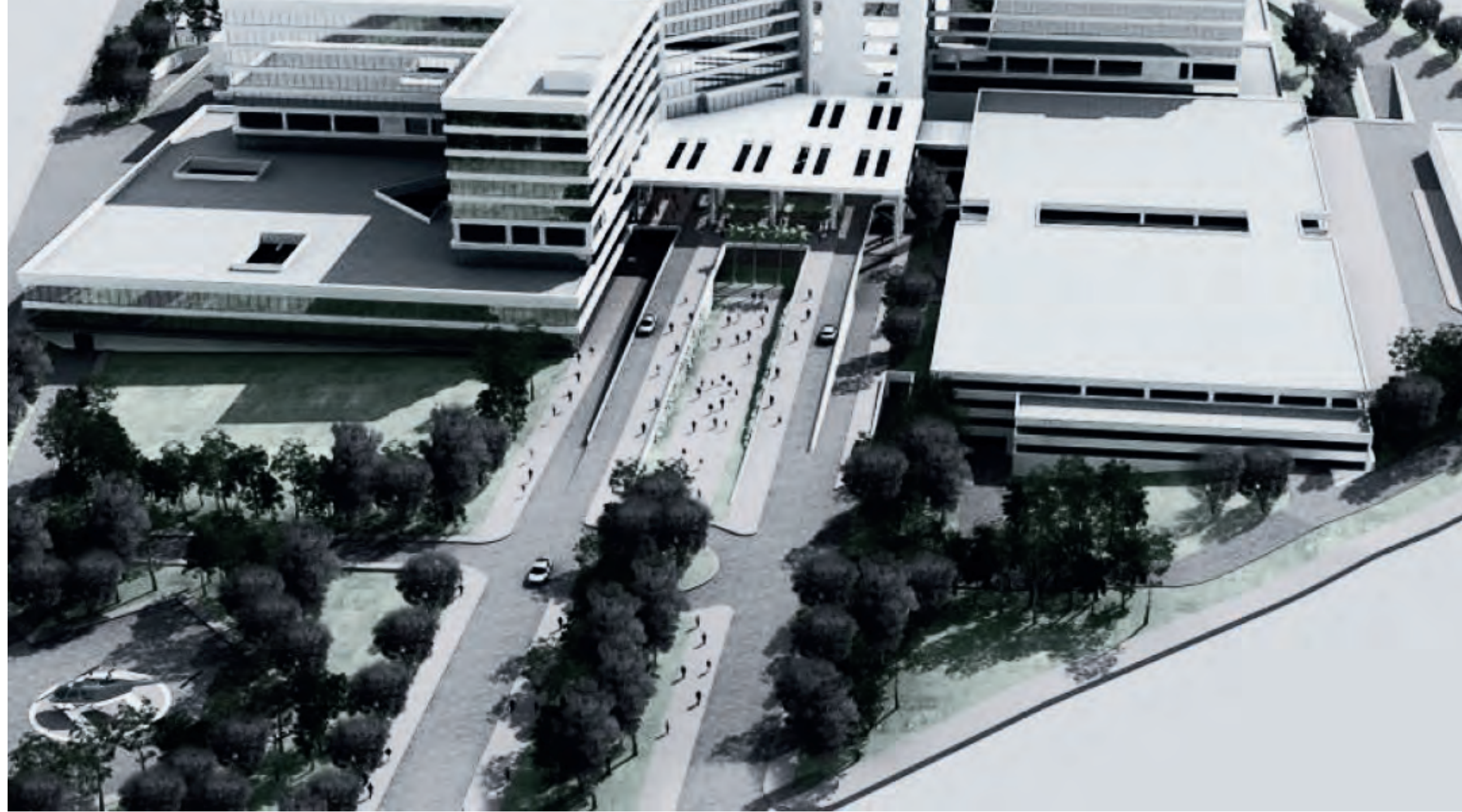


**i** IDEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# MANISA TRAINING AND RESEARCH HOSPITAL TRAFFIC DESIGN | 2015

**■** MINISTRY OF HEALTH & YDA GROUP



**14 ha**

MASTER PLANNING OF  
TRAFFIC

**48 Units**

VEHICULAR RAMP &  
BARRIER-FREE ACCESS DESIGN

**5,700 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



**i** IDEARC INTERNATIONAL  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# ZEKERIYAKOY KÖY RESIDENTIAL DEVELOPMENT MASTERPLAN DESIGN | 2015

**■** EMLAK KONUT & SIYAHKALEM ENGINEERING CO.



**55 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**10 Km**

CONNECTION ROADS,  
EARTHWORKS

**40 Units**

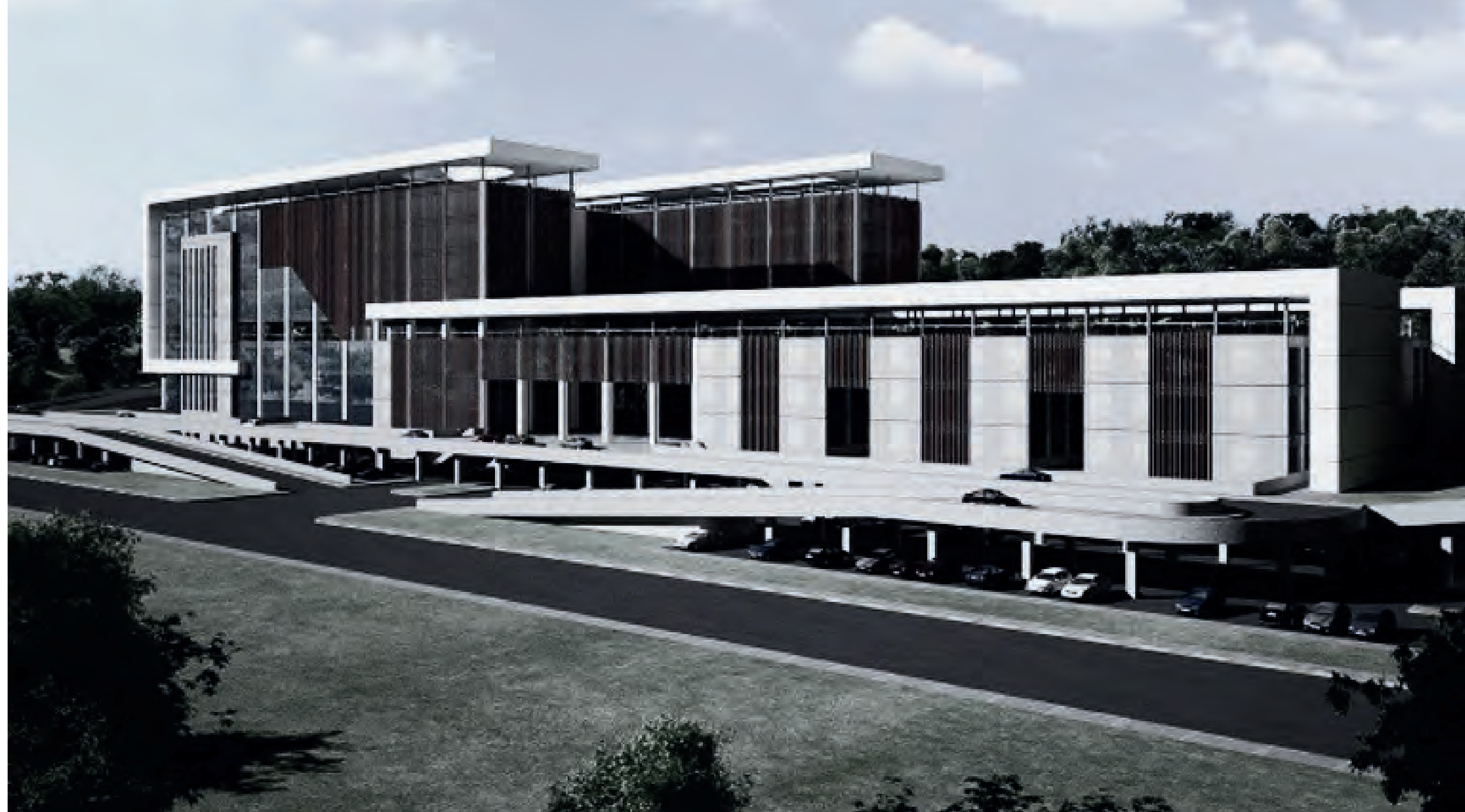
INTERSECTION DESIGN & TRAFFIC  
CIRCULATION PLANNING



FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# SULTANBEYLI 400-BED CITY HOSPITAL TRAFFIC DESIGN | 2016

**■** MINISTRY OF HEALTH & TEMA TEKNİK  
MÜHENDİSLİK CO.



**5 ha**

MASTER PLANNING OF  
TRAFFIC

**2 Km**

CONNECTION ROADS,  
EARTHWORKS

**4,500 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# ARNAVUTKOY, DURSUNKOY HOUSING AREA DESIGN | 2018

**EMLAK KONUT GYO, UGUR HARİTA CO.**



**270 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**22 Km**

CONNECTION ROADS,  
EARTHWORKS.

**36 Units**

INTERSECTION DESIGN & TRAFFIC  
CIRCULATION PLANNING



# **SAMSUN TRAFFIC PLANNING EAST-WEST AXIS**

| 2020

**SAMSUN METROPOLITAN MUNICIPALITY**



**4 Units**

INTERCHANGE  
DESIGN

**22 Km**

CONNECTION ROADS,  
EARTHWORKS

**6,500 m**

TUNNEL DESIGN



# **NORTH ESENLER HOUSING AREA MASTERPLAN DESIGN** | 2020

**E** EMLAK KONUT GYO.



**719 ha**

MASTER PLANNING OF  
MIXED-USE ZONE

**40 Km**

CONNECTION ROADS,  
EARTHWORKS.

**70 Units**

INTERSECTION DESIGN & TRAFFIC  
CIRCULATION PLANNING



# BODRUM TASEVLER HOUSING AREA MASTERPLAN DESIGN | 2020

**■** SEBA İNŞAAT CO.



**8 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**2 Km**

CONNECTION ROADS,  
EARTHWORKS.

**6,500 m**

RETAINING WALL DESIGN



**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# KIPTAS ARKATLI EVLER MIXED- USE PROJECT MASTERPLAN DESIGN | 2021

**ASOY İNŞAAT CO.**



**10 Units**

INTERSECTION  
DESIGN

**5 Km**

CONNECTION ROADS,  
DETAILED DESIGN

**4,500 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# AYAZAGA INVEST VADI MIXED-USE PROJECT MASTERPLAN DESIGN | 2020

**INVEST CO.**



## 1 Unit

INTERSECTION  
DESIGN

## 2 Km

CONNECTION ROADS,  
EARTHWORKS.

## 3 Unit

CAR PARK DESIGN & ENTRANCE  
PLANNING



# KENT ETILER MIXED-USE PROJECT MASTERPLAN DESIGN | 2025

**KIPTAS & MESA-ASL**



**42 ha**

ROAD MASTER PLANNING OF  
MIXED-USE ZONE

**6 Km**

CONNECTION ROADS,  
EARTHWORKS

**5 Units**

INTERSECTION  
DESIGN



# HASDAL MIXED-USE PROJECT MASTERPLAN DESIGN | 2026

**■** SPDO ARCHITECTS



**190 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**16 Km**

CONNECTION ROADS,  
EARTHWORKS & STORMWATER

**11 Units**

INTERCHANGE  
DESIGN



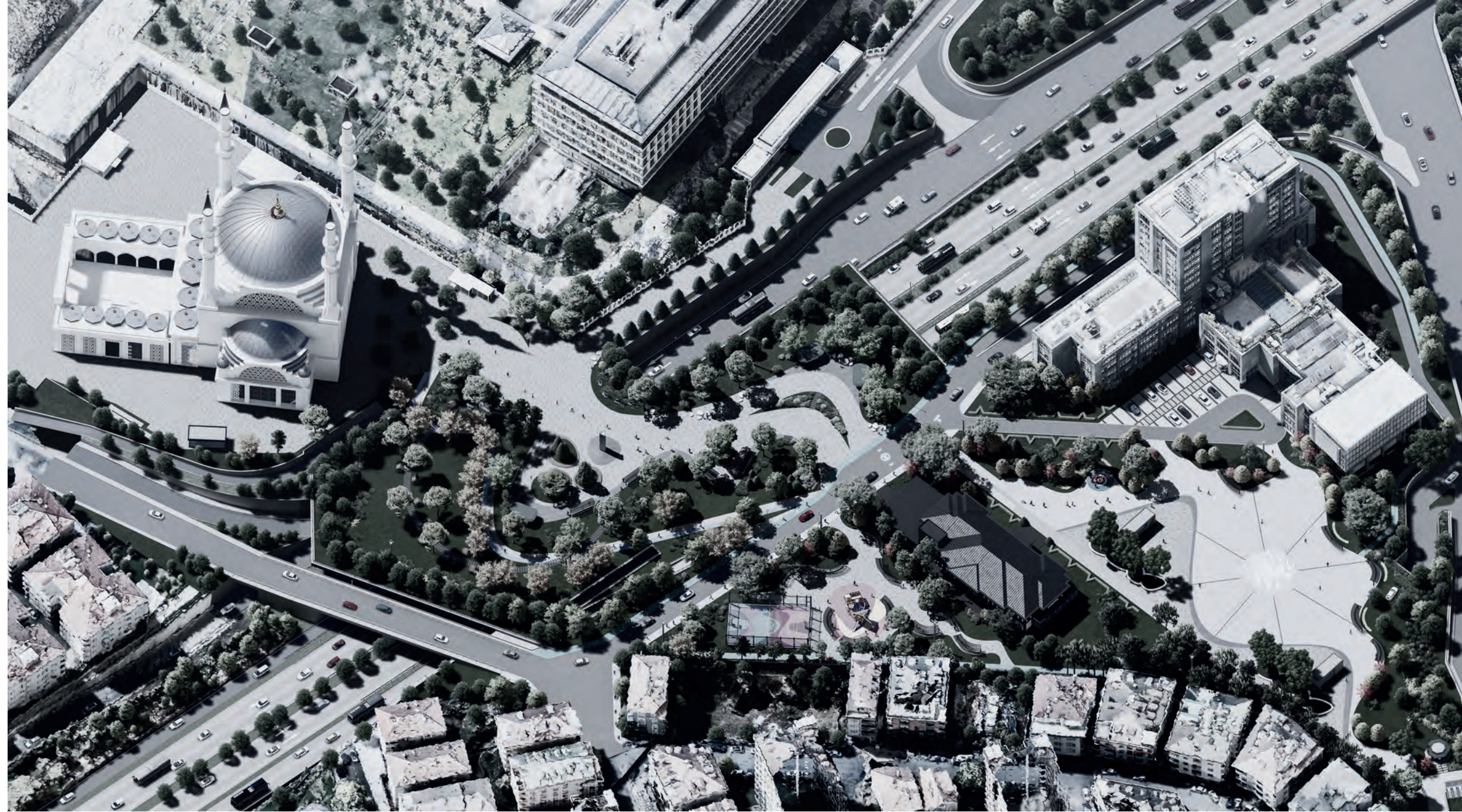
**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# UMRANIYE URBAN DECK GREEN BRIDGE & RECREATION PARK

| 2025

**ÜMRANIYE MUNICIPALITY**



**3 Units**

BRIDGES

**5 Km**

CONNECTION ROADS,  
DETAILED DESIGN

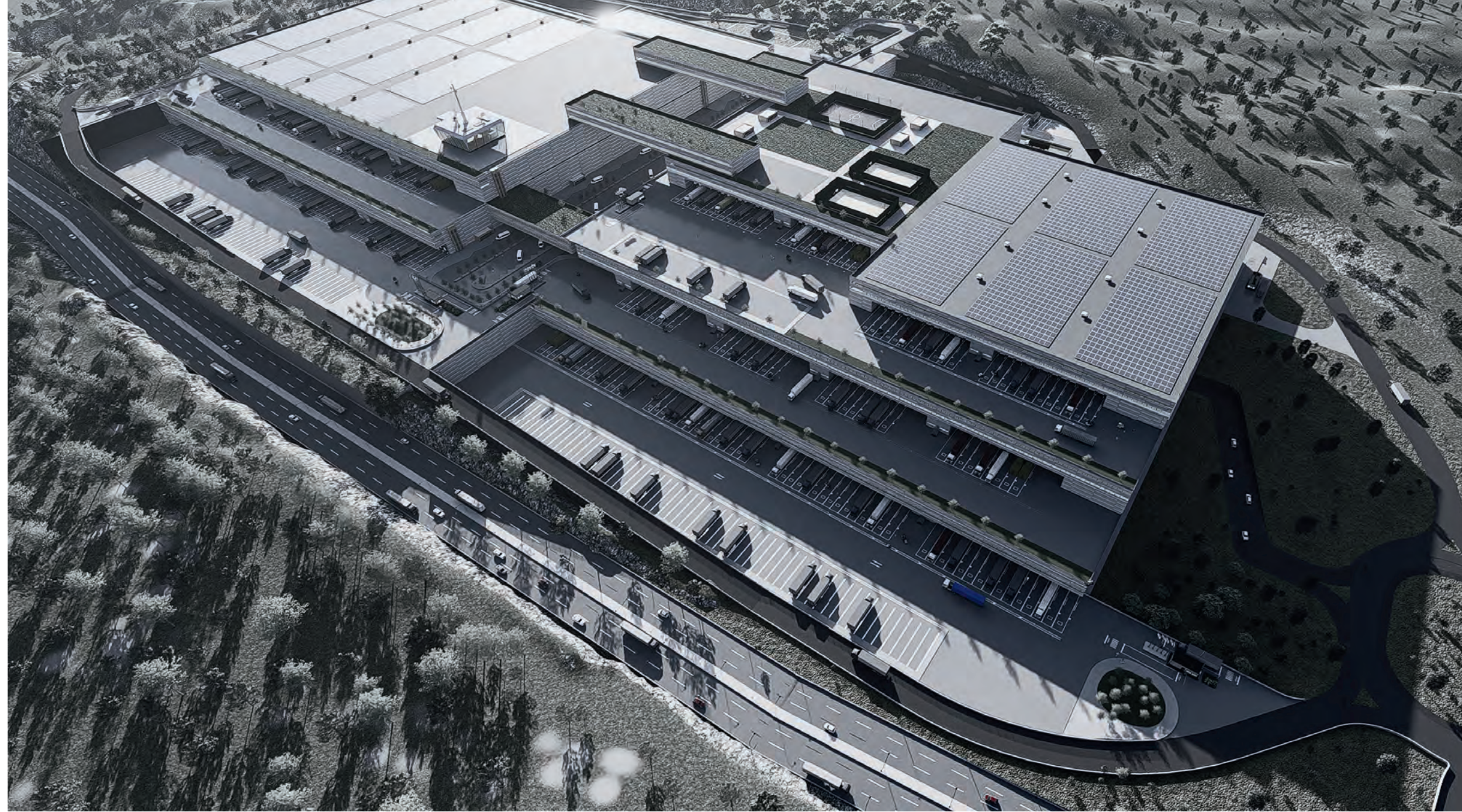
**14,500 m<sup>2</sup>**

GREEN DECK OVER HIGHWAY



# **NORTH MARMARA HIGHWAY LOGISTICS CENTER MASTERPLAN DESIGN** | 2025

**ICA-ICTAS**



**7 Units**

DIFFERENT PARCEL  
PLACEMENT

**14 Km**

CONNECTION ROADS,  
INFRASTRUCTURE

**4.2 M m<sup>3</sup>**

EARTHWORKS ENGINEERING AND  
SPATIAL PLANNING



# PEDESTRIAN- FRIENDLY MASTERPLANNING & TRAFFIC DESIGN | 2025

**KOCAELİ MUNICIPALITY**



**7 ha**

URBAN PLANNING  
DETAILED DESIGN

**5 Units**

DIFFERENT TYPE  
SCHOOL AREA

**6 Km**

TRAFFIC CIRCULATION  
PLAN



FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# ISTANBUL SUMPII CITYWIDE CYCLING & ACTIVE MOBILITY PLAN

| 2025

**■** DEUTSCHE GESELLSCHAFT FÜR  
INTERNATIONALE ZUSAMMENARBEIT (GIZ) GMBH



**150 Km**

SEGREGATED BIKE LANE  
DESIGN & DETAILED DESIGN

**110 Km**

SHARED BIKE LANE DESIGN &  
DETAILED DESIGN

**130 Km**

TOPOGRAPHIC MAP  
SURVEYS



**IDEARC INTERNATIONAL**  
ENGINEERING & CONSULTING LLC.

FEATURED PROJECTS | **MASTERPLAN & TRAFFIC**

# HALIC TERSANE MIXED-USE PROJECT, TRAFFIC DESIGN | 2019

**RIXOS, MEGA PROJECTS**



**42 ha**

TRAFFIC MASTER PLANNING  
OF MIXED-USE ZONE

**7 Km**

CONNECTION ROADS,  
DETAILED DESIGN

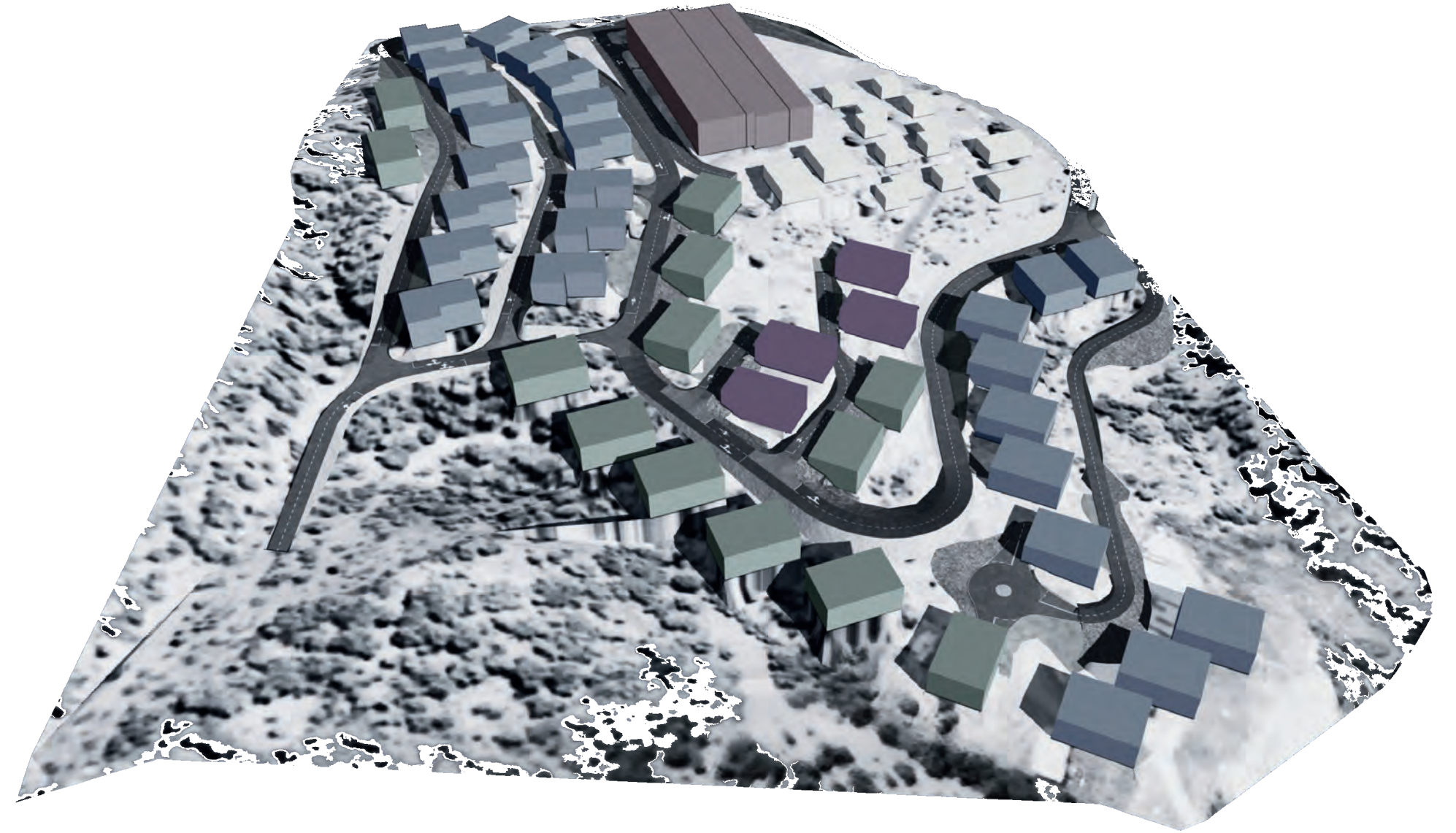
**50,000 m<sup>2</sup>**

GREEN SPACE URBAN  
DESIGN



# CANAKKALE, AYVACIK, PASAKOY ECO- VILLAGE PROJECT DESIGN | 2022

**■** TETICO TEKNİK TİCARET CO.



**8 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**2 Km**

CONNECTION ROADS,  
EARTHWORKS.

**3 Units**

INTERSECTIONS AND  
CUL-DE-SAC DESIGN



# IBB HASDAL PROJECT - MASTERPLAN & TRAFFIC DESIGN | 2024

**ÖZGÜVEN MIMARLIK**



**22 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**8 Km**

CONNECTION ROADS,  
EARTHWORKS

**5 Units**

INTERSECTIONS AND MAIN  
ENTERANCES



# ISTANBUL, MİLTEN DÜRUSU HOUSING PROJECT DESIGN | 2022

**MİLTEN İNŞAAT CO.**



**8 ha**

MASTER PLANNING OF  
RESIDENTIAL ZONE

**1.5 Km**

CONNECTION ROADS,  
EARTHWORKS

**1 Unit**

TRAFFIC CALCULATIONS AND  
DEMAND ANALYSIS



FEATURED PROJECTS | **URBAN & FAÇADE DESIGN**

# USKUDAR ICADIYE STREETSCAPE IMPROVEMENT & URBAN DESIGN | 2019

**■** ÜSKÜDAR MUNICIPALITY



**2 ha**

URBAN DESIGN  
DETAILED DESIGN

**1,1 Km**

CONNECTION ROADS,  
DETAILED DESIGN

**1,1 Km**

STORMWATER  
DESIGN



# USKUDAR UNCULAR STREET RENOVATION PROJECT DESIGN | 2019

**■** ÜSKÜDAR MUNICIPALITY



**1 ha**

URBAN DESIGN  
DETAILED DESIGN

**1,2 Km**

CONNECTION ROADS,  
EARTHWORKS

**3 Km**

INFRASTRUCTURE  
DESIGN



FEATURED PROJECTS | **URBAN & FAÇADE DESIGN**

# USKUDAR FISH MARKET RENOVATION PROJECT DESIGN | 2025

**■** ÜSKÜDAR MUNICIPALITY



**1 ha**

MASTER PLANNING OF  
COMMERCIAL ZONE

**2,200 m**

ARCHITECTURAL FAÇADE  
DOCUMENTATION

**4,500 m<sup>2</sup>**

ARCHITECTURAL DESIGN



FEATURED PROJECTS | **URBAN & FAÇADE DESIGN**

# KAVACIK MIX-USE RENOVATION PROJECT DESIGN | 2025

**■** BEYKOZ MUNICIPALITY



**3 ha**

URBAN PLAN  
DETAILED DESIGN

**300 m**

ARCHITECTURAL FAÇADE  
DOCUMENTATION

**16,000 m<sup>2</sup>**

3D LASER SCANNING &  
DOCUMENTATION



# BAGLARBAŞI CONGRESS AND CULTURE CENTRE URBAN DESIGN | 2019

**■** ÜSKÜDAR MUNICIPALITY



**1 ha**

MASTER PLANNING

**1,2 Km**

CONNECTION ROADS,  
EARTHWORKS.

**1,500 m<sup>2</sup>**

CAR PARK DESIGN & TRAFFIC  
CIRCULATION PLANNING



# MAKKAH - RUA AL HARAM

2st PRIZE - TRANSPORTATION PLANNING  
AND TRAFFIC CONSULTANCY



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## 3d Road Design & Modelling

High-precision intersection and corridor modeling ensured both seamless and safe multimodal traffic flow.

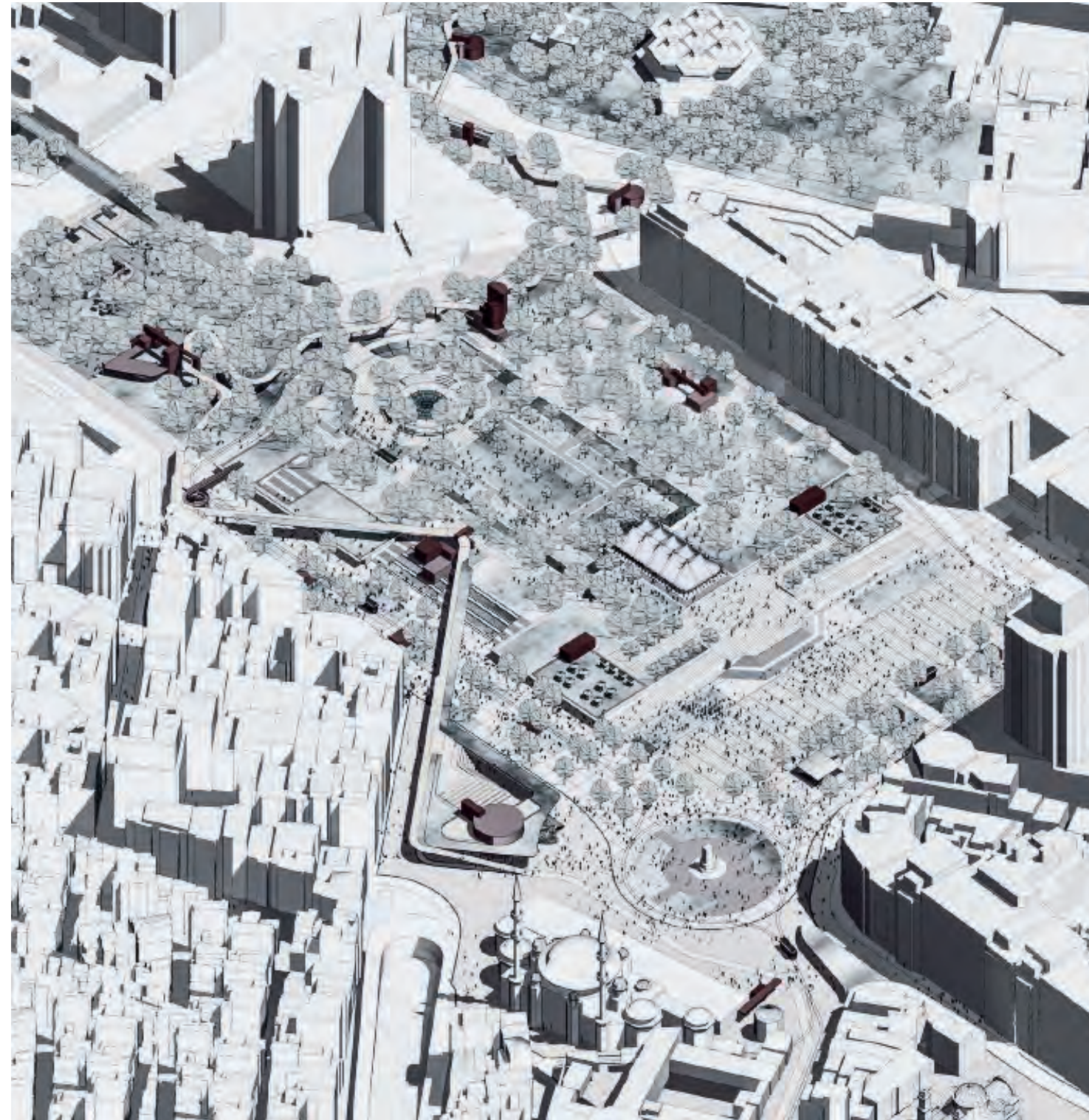
## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



# TAKSIM CITY SQUARE URBAN DESIGN

1st PRIZE – TRANSPORTATION PLANNING  
AND TRAFFIC CONSULTANCY  
TURKIYE



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## Street-Tram Design

Integrates rail lines directly into the urban layout, ensuring safe pedestrian circulation and smooth city movement

## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



# BUFFALO SKYWAY CORRIDOR

SHORTLIST – TRANSPORTATION PLANNING  
AND TRAFFIC CONSULTANCY /  
UNITED STATES



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## Geometric Design

High-precision intersection and corridor modeling ensured seamless and safe traffic flow.

## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



# PHAETON SQUARE URBAN DESIGN

3rd PRIZE – TRANSPORTATION PLANNING  
AND TRAFFIC CONSULTANCY /  
UNITED STATES



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## Geometric Design

High-precision intersection and corridor modeling ensured seamless and safe traffic flow.

## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



# ELAZIG CITY SQUARE URBAN DESIGN

1stPRIZE – TRANSPORTATION PLANNING  
AND TRAFFIC CONSULTANCY  
TURKIYE



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## Geometric Design

High-precision intersection and corridor modeling ensured seamless and safe traffic flow.

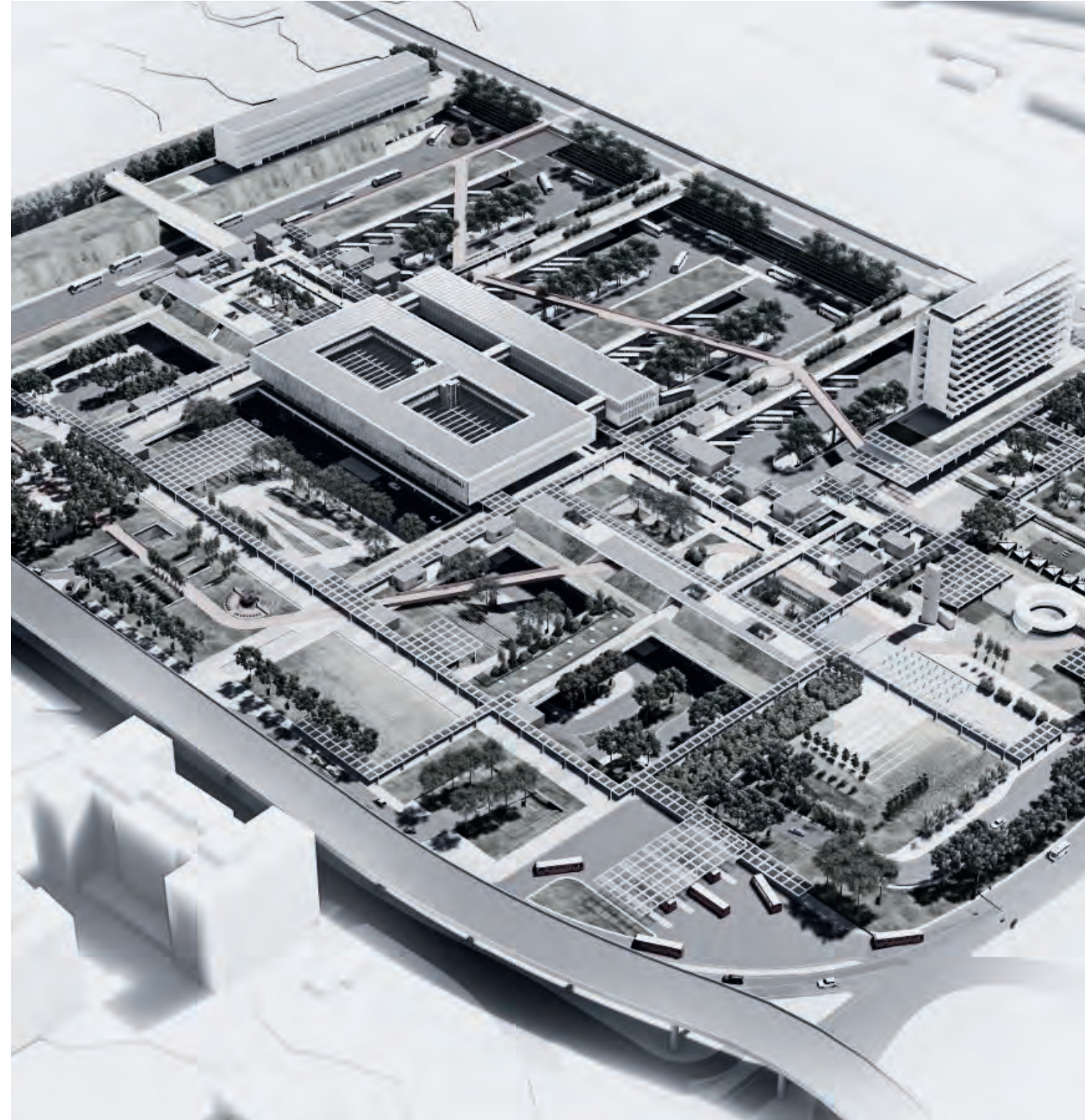
## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



# İZMİR MAIN TRANSFER STATION

3rdPRIZE – TRANSPORTATION PLANNING  
AND TRAFFIC CONSULTANCY /  
TURKIYE



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## Geometric Design

High-precision intersection and corridor modeling ensured seamless and safe traffic flow.

## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



# ADANA 5 OCAK PARKI URBAN DESIGN

1stPRIZE – URBAN DESIGN & MOBILITY  
ADVISORY / TURKIYE



SCOPE

## Traffic Masterplanning

Comprehensive circulation plans and parking strategies were developed to optimize urban mobility.

## Geometric Design

High-precision intersection and corridor modeling ensured seamless and safe traffic flow.

## Feasibility & BOQ

Advanced data analysis and detailed cost estimations delivered maximum economic and technical efficiency.



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E.ERDEM OZLU – FOUNDER | IDEARC







📍 **CEYHAN PETROCHEMISTRY INDUSTRIAL ZONE | 2022**

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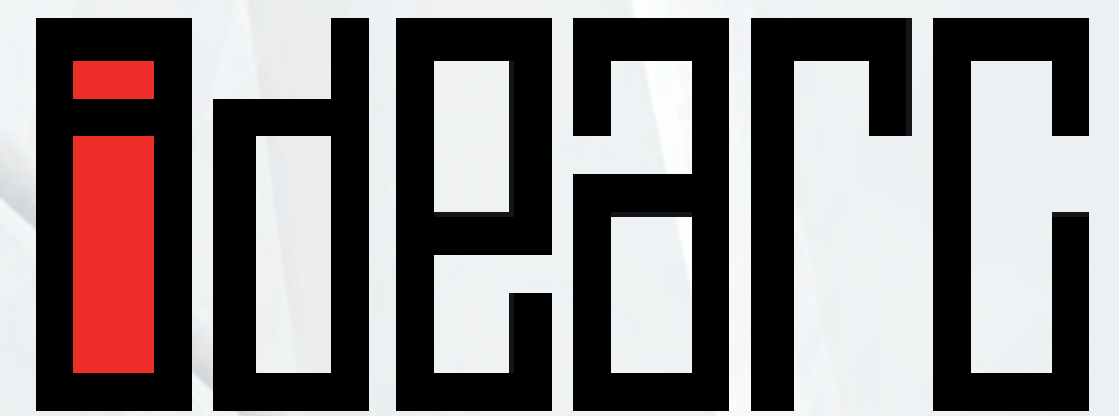
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IDEARC INTERNATIONAL ENGINEERING & CONSULTING LLC.