

Launching New Products

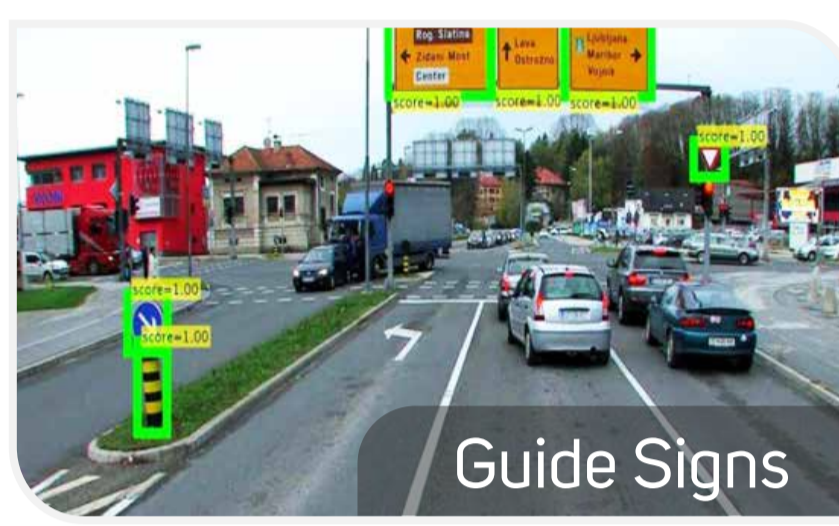
Intelligent City Mapper is an innovative 3d mapping tool that automate the process of Road Assets Data Collection and Evaluation and reduce operation and maintenance cost



As a continues improvement for road infrastructure operation and road safety, our R&D team started development of new product "Intelligent City Mapper" using AI, remote sensing, 3d mapping and geospatial technologies to collect all road data objects such as signboards, distortions, pavement, road furniture's with accurate locations on one collaborative platform and visualize the outputs on an informative GIS based dashboards.

The city mapper brings field intelligence for the entire infrastructure to be at decision makers fingertips, the solution utilizing smart inspection vehicle to detect, classify, recognize, and evaluate assets conditions accurately.

Back office platform will manage the entire infrastructure inspection from one source. monitor, control and interact with the environment to deliver accurate and fresh geospatial data for new and existing assets on local & main streets, our main goal is to empower operation team members to do fast inspections and get updated inventory covering hundreds of KMs in very short time saving time, efforts, and resources.



Achievements

BAPS Hindu Mandir

Consultancy Services for Infrastructure BAPS Hindu Mandir-UAE



The UAE's first traditional Hindu temple in Abu Dhabi is ready to welcome worshippers. The BAPS Hindu Mandir is a traditional Hindu place of worship that is being built by the BAPS Swaminarayan Sanstha. Abu Dhabi City Municipality has appointed Tatweer the project of Consultancy Services for roads and infrastructure of the BAPS HINDU And Abu Mreikha Area in General.

Main Scopes of the project are:

- Road and geometry design
- Street lighting design
- Electrical medium voltage, Low Voltage & Fiber Optic cables design
- Telecommunication Network design
- Falcon Eye Design
- Design of Wet Utilities (Potable Water, Irrigation & Storm Water)
- Landscaping design

Projects Update

Design and Construction Supervision of Traffic & Guide Sign in Abu Dhabi City



Tatweer has been appointed by Abu Dhabi city municipality to perform Consultancy services for Design and Construction supervision of Abu Dhabi City Traffic and Guide signs. The project aims to establish a rejuvenated signage system to create a well-designed, optimized, and smooth-operated signage system in Abu Dhabi City.

The municipality awarded Tatweer the two packages of the project. first package for the supervision of construction work of the guide signs installation in Abu Dhabi Island and requires building the GIS database to include existing signs, modified signs, and the newly added signs under this project and the second package for Study, Evaluation, Planning and Design for the Guide Sign System in Abu Dhabi Mainland Areas Roadway Network.

Design and Supervision of Roads in Saadyat Island

In our ongoing project to provide professional management, technical services, and solutions, we recently commencement a new project with Saadiyat Development and Investment Company (SDIC). The project will include strengthening advisory services for the design and supervision of roads and utility works. These improvements will ensure a smooth flow of traffic for the residents and visitors of the area. The project will include the expansion of the existing dual carriageway into a three-lane road along with the upgrade of two Signalized intersections and improvement to the utility infrastructure.



TATWEER has completed the Design for Al Kayt street in Abu Dhabi, Sector W-51



The design is to create a sustainable landscape for the latest master plan adopting agencies design standards and materials. The area is designed to meet the users need and safety: footpaths, sitting areas, shaded walkways, jogging track, bins, cycle track, bike racks, tactile paving and safety bollards taking into consideration the public transportation. Construction work is in progress.