



# MATRIX **NEW**WORLD

Engineering Progress

## LAND SURVEYING & MAPPING SERVICES

### **Matrix means precision.**

Matrix has established and continues to expand upon our strong land surveying reputation. We are dedicated to being leaders in the profession with team members holding leadership positions in state and national surveying organizations. Our surveyors are committed to lifelong learning so that we can apply creative and cutting edge solutions to our clients and partners projects.

Our highly experienced staff has prepared surveys for public and private sector clients including roadway and railway transportation projects, land development, right of way location and acquisition, construction, and natural resource boundaries, including riparian, tidelands and wetlands locations. Matrix also has special expertise in deformation monitoring surveys and in high accuracy geodetic control networks. Our clients include transportation agencies, national and international corporations, developers, law firms, environmental firms and A/E firms.

Accurate survey and topographic mapping is the foundation of all successful design, and construction projects. The Matrix surveying team utilizes extensive quality assurance and control measures for internal review to ensure our clients and team partners are receiving clear and precise data and mapping. The Matrix team is ready to conquer the challenges of your project. Our team is committed to excellence and is able to respond to any challenge in real time utilizing the latest and most state of the art technologies including 1-second robotic total stations, real time kinematic GPS, and high definition laser scanners.

Matrix is committed to safety with team members holding OSHA HAZWOPER certification, 10-hour OSHA construction certification, Transportation Worker Identification Credential (TWIC) cards, rail safety training, and first aid. The Matrix survey team is ready to assist our partners in completing safe and successful projects.



### **Services provided**

- Boundary, Topographic & Utility Surveys
- ALTA/ACSM Land Title Surveys
- Right-of-Way Determination & Acquisition
- Hydrographic/Bathymetric Surveys
- Construction Stakeout/Layout
- Engineering & Architectural Surveys
- GPS & Geodetic Surveys
- Environmental Surveys
- HD Laser Scanning
- FEMA Flood Elevation Surveys & Certificates
- Green Acres Program & Farmland Preservation Surveys
- As-built Record Surveys
- Wetlands Location & Stream Surveys
- Roadway Cross Sections
- Tidelands & Riparian Surveys
- Legal Descriptions
- Expert Testimony
- Hazardous Waste Site Surveys

### **Contact**

#### **Matrix New World Engineering**

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[matrixnewworld.com](http://matrixnewworld.com)

Certified WBE/DBE