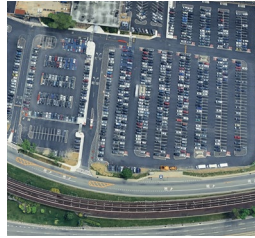




ENGINEERING YOUR SUCCESS

CAPABILITY STATEMENT - ENGINEERING SERVICES



ARORA and ASSOCIATES, P.C. is a full-service engineering firm with a 45-year track record of designing and managing large, complex infrastructure projects with accelerated schedules. We prime more than 75% of all projects with design fees of more than \$7 million. Our hands-on, collaborative approach helps our clients deliver high-quality, cost-effective, award-winning solutions.

CORE COMPETENCIES

- Structural and Seismic Design
- Highways, Bridges, and Infrastructure
- Civil/Transportation/Site Engineering
- Buildings and Facilities Planning
- Traffic Engineering, Simulation and Analysis
- Land Surveying/Right-of-Way/Mobile LiDAR
- GIS/Data Analytics/Data Sciences
- Hydraulics and Hydrologic Engineering
- Geotechnical Engineering
- NEPA Compliance/Environmental Permitting
- Coastal Engineering/Erosion Control
- ITS/Electrical Engineering/IT Services
- Design-Build
- Research and Development

Minority Business Enterprise (MBE) and Small Business Enterprise (SBE)

DIFFERENTIATORS

- Experienced professionals capable of delivering simultaneous task orders
- Mobile LiDAR, speeds data collection for survey plans or BIM models
- Building inspectors with rope access certification (SPRAT)
- Skilled researchers driving improved traffic safety with FHWA



2012 Superstorm Sandy, Mantoloking, NJ

PAST PERFORMANCE

- Emergency Reconstruction Route 35 at Mantoloking, New Jersey NJDOT in collaboration with USACE
- Building Condition/Hazard/Sustainability Assessments - Newark Liberty and JFK Airports - Port Authority of NY/NJ
- Environmental Permitting/Hydraulics - Newark Bay Bridge - New Jersey Turnpike Authority
- ITS and Security Upgrades for Critical Infrastructure - Delaware River Joint Toll Bridge Commission

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CAPABILITY STATEMENT – GIS & DATA SERVICES



ARORA and ASSOCIATES, P.C.'s GIS & Data Services team delivers integrated geospatial solutions encompassing GIS, enterprise data management, web application development, and digital transformation. We enable organizations to make informed, data-driven decisions and achieve operational excellence. Our team supports both public and private sector clients in the collection, management and strategic use of spatial and non-spatial data. By turning complex data into actionable insights, we help improve efficiency and strengthen long-term resilience.

As an Esri Business Partner, we leverage industry-leading technology and best practices to deliver scalable, innovative solutions tailored to our clients' evolving needs.

CORE COMPETENCIES

GIS & Geospatial Solutions

- GIS Strategy & Program Management
- Spatial Data Development, Management & Governance
- Spatial Analysis & Modeling
- Cartographic Map Production
- Mobile LiDAR & Feature Extraction
- Mobile GIS & Field Data Collection
- Enterprise GIS Implementation
- Cloud GIS & Platform Administration

Data Analytics & BI Solutions

- Cross-Platform Data Integration
- Data Warehousing & ETL
- Real-Time Analytics
- Statistical Data Analysis
- Database Management
- Business Intelligence & Data Visualization
- Interactive Dashboard Development & Reporting
- Workflow Automation
- Self-Service Analytics
- Data Governance & Quality Assurance

Digital Platforms & Interactive Solutions

- Interactive & Accessible Web Mapping Applications & Websites
- Open Data & Public Information Dissemination Portals
- Community Outreach & Stakeholder Engagement Tools
- Survey & Feedback Collection Tools
- Real-Time Data & IoT Integration
- Mobile Responsive & UX/UI Design

Esri Business Partner | Minority Business Enterprise (MBE) | Small Business Enterprise (SBE)



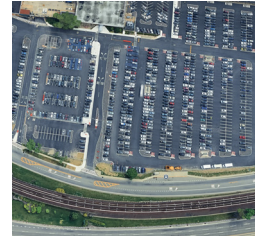
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REFERENCES



ARORA and ASSOCIATES, P.C. is a full-service engineering firm with a 45-year track record of designing and managing large, complex infrastructure projects with accelerated schedules. We prime more than 75% of all projects with design fees of more than \$7 million. Our hands-on, collaborative approach helps our clients deliver high-quality, cost-effective, award-winning solutions.

Prime Contractor:

Route 1 & 9 Pulaski Skyway - Contract 6, Rehabilitation,
Seismic Retrofit and Drainage
Owner: New Jersey Department of Transportation
Contract Value: \$42,355,636 - 2013 to Present
Nina Chivulescu – NJDOT PM
Nina.Chivulescu@dot.nj.gov
Direct: (609) 598-1321

Major Subcontractor:

Newark Bay-Hudson County Extension, Section 2
Improvements -Final Design -No. T3922
Owner: New Jersey Turnpike Authority
Contract Value: \$2,014,229 - 2024 to Present
Seth Condell, PE – Parsons PM
Seth.condell@parsons.com
Direct: (212) 266-8398

Minority Business Enterprise (MBE) and Small Business Enterprise (SBE)



2012 Superstorm Sandy, Mantoloking, NJ

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