



Infrastructure Mitigation/Resiliency Supports Continued Growth/Expansion

Our national well-being relies upon secure and resilient critical infrastructure systems, and networks that underpin American society. To achieve this security and resilience, we must have our critical infrastructure and industry in place and operational during natural disasters and major emergencies. Priorities must be identified; clear goals must be set; and redundancy, resiliency and mitigation measures must be in place to adapt to our ever-changing environment.

Why Invest in Mitigation/Resiliency?

- 1** Managing the risks from significant threats and hazards to our physical and cyber infrastructure requires an integrated approach across a diverse community.
- 2** The vulnerability of critical assets, systems and networks must be addressed to mitigate potential consequences that could occur if adverse events occur.
- 3** The success of any, emergency action, resiliency or mitigation plan is dependent on the success of an integrated approach that depends on the expertise and experience of the stakeholders, communities, industry and professionals.

PS&S Experience

Post-Sandy structural assessments of damaged structures in Boroughs of Lavallette and Seaside Heights.

Developed action and mitigation plans to keep critical infrastructure intact during unexpected events for the Governor's Office for Recovery and Restoration.

Helped PVSA receive hundreds of millions of dollars from FEMA for repair, restoration and mitigation measures.

Worked with utility providers, communities and industrial clients to assess their vulnerability risks and prepare emergency action and mitigation plans to protect their critical assets.

Developing resilient designs approaches within floodplains and flood proofing measures at building entry/exits for utility and pharma clients.

Architect of Record for design and construction of a new municipal complex for the Borough of Lavallette.

For more information, please contact

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PS&S Multi-Discipline Services

- Architecture
- Energy Utility Systems Engineering
- Environmental Compliance and Permitting
- Civil/Site Engineering
- Survey and Easement/ROW Services
- Geotechnical Engineering
- Structural Engineering
- Building M/E/P Engineering
- Water Resources Engineering
- Geographic Information Systems (GIS)
- Cultural Resource Management
- Sustainable/LEED Designs

Project Management / Engineering

Project Planning and Coordination
Budgeting and Cost Estimating
Cost Control
Scheduling
Subcontractor Management
Process Improvements and Efficiencies
Electrical Backup Power (Generators)
Portable Refrigeration (Chiller) Equipment
Floodgates
Quality Assurance/Quality Control
Operational Audits
Safety Management
Project Close Out

QA/QC

Effective quality management is necessary to provide quality and cost-effective project management and engineering services that meet the needs of the client. PS&S's quality assurance/quality control program is based on the following key elements:

Quality Control

- Evaluating the overall project performance on a routine basis to provide confidence that the project product will satisfy the applicable design and regulatory standards, as well as the client's request.

Quality Assurance

- Planned and systematic actions necessary to monitor specific project results to determine if the product complies with the applicable design and regulatory standards. Further, it is the process of identifying ways to improve performance and work products.

Continuous Implementation and Improvement

- Quality Management involves taking steps to continuously improve the design process itself, based on the knowledge gained from Quality Control checks.



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