



Consulting **Engineers**Construction **Inspectors**Land **Surveyors** 

Perryville III Corporate Center 53 Frontage Rd Suite 260 Hampton, NJ 08827

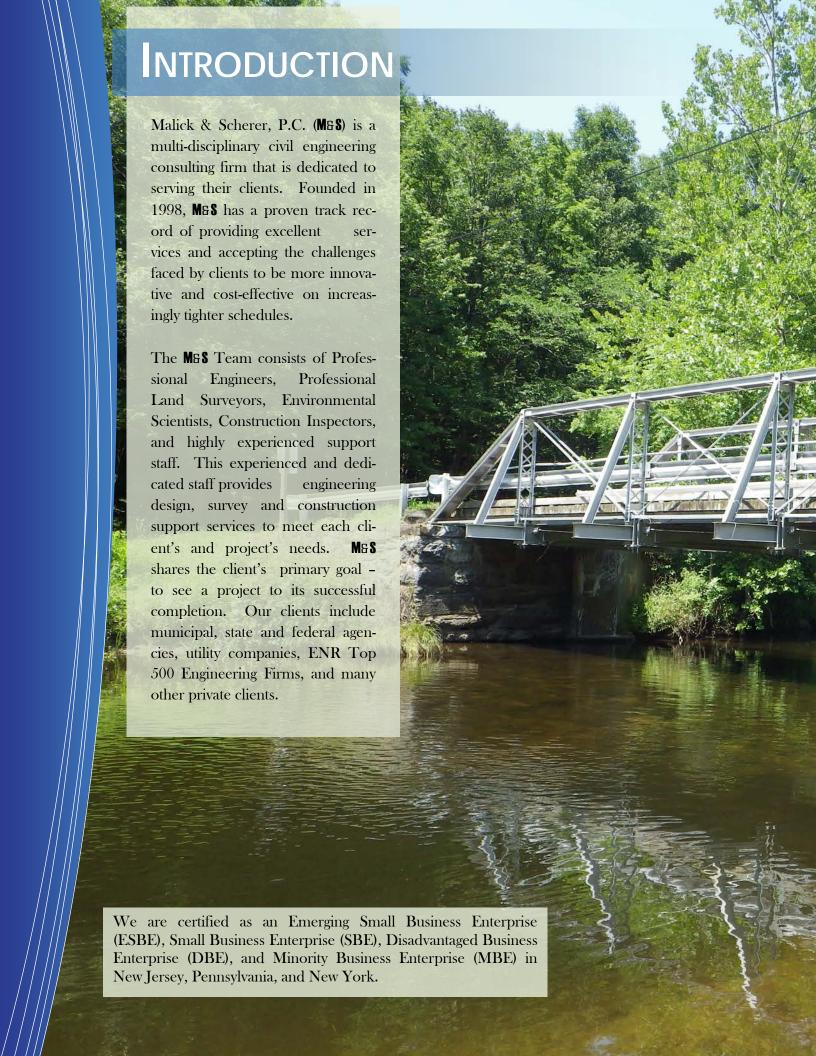
Stabler Corporate Center 3477 Corporate Parkway, Suite 100 Center Valley, PA 18034

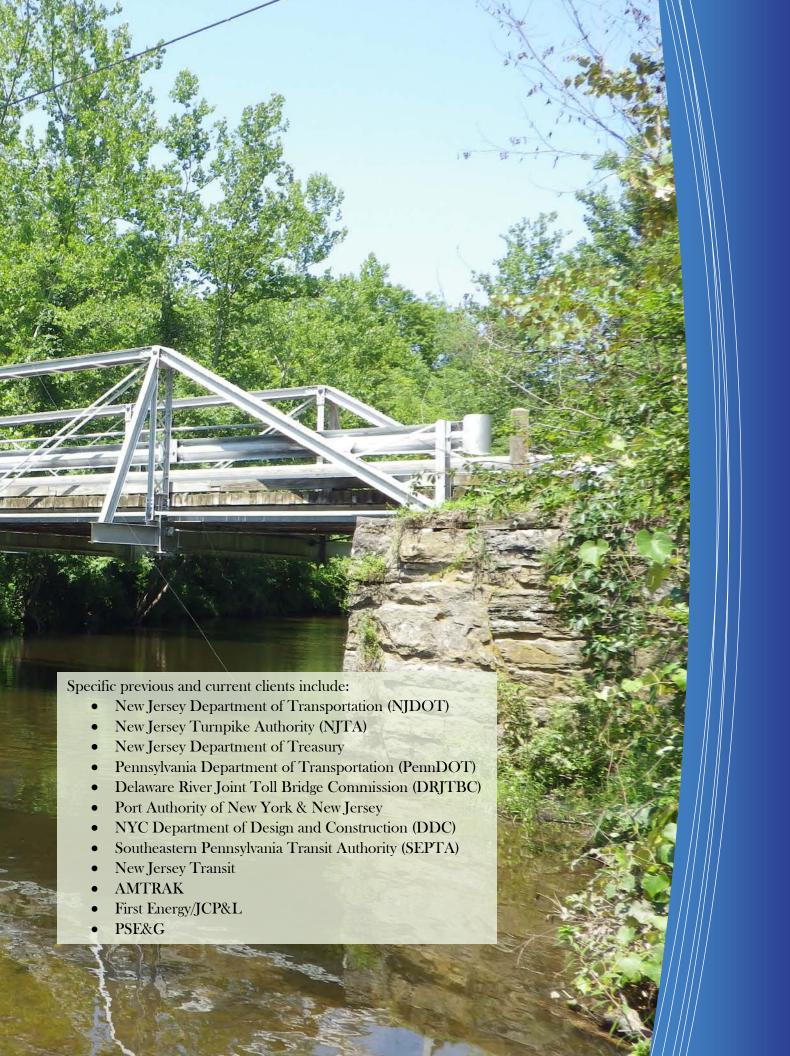
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# Building Confidence by Providing Quality



Perryville III Corporate Center





### KEY PERSONNEL



#### Arif R. Malick, PE, CME - Principal

Mr. Malick is the Principal of the firm and has served the transportation industry for over thirty years, accumulating a wealth of engineering and management experience in transportation engineering and the project delivery process. He has managed multiple capital improvement projects from scoping to final design through construction and has successfully delivered projects for various public agencies including NJDOT, NJ Transit, NJ Turnpike Authority, PANYNJ, NYCDDC, DRJTBC, PennDOT, and SEPTA. As a

principal of the firm he is responsible for strategic growth of the firm, and client relations. Mr. Malick graduated from NED University of Engineering and Technology with a BS degree, and earned a MS degree from New Jersey Institute of Technology in 1989. He is a licensed Professional Engineer in New Jersey, New York, and Pennsylvania, and a Certified Municipal Engineer.



#### Colleen Connolly, PE, PTOE - Associate

Ms. Connolly oversees the Highway/Traffic Engineering Department of the company and is a Senior Project Manager with a focus in the areas of transportation planning and traffic/roadway engineering. Ms. Connolly has successfully delivered project from concept to completion for various transportation agencies throughout New Jersey and Pennsylvania. Her experience includes concept development/ alternative analysis, roadway design, geometric design, traffic studies and analysis, traffic data collection, traffic signal



design, crash analysis, and traffic control/MPT plans. She has performed these services on roadway/bridge projects as well as provided civil support to bus and rail projects. Ms. Connolly earned a BE degree from Stevens Institute of Technology and is a licensed Professional Engineer in New Jersey and New York, as well as a Professional Traffic Operations Engineer.



#### Robert Zalewski, PE, CFM, CSM - Associate

Mr. Zalewski is the Department Manager of the M&S's Environmental/Civil Site Department and also a Senior Project Manager for civil/site engineering, stormwater management, hydraulic and hydrologic studies, bridge scour analysis, drainage design, and environmental permitting. He combines proficiency in hydrologic/hydraulic procedures and software with thorough knowledge of current environmental regulations to successfully coordinate and obtain approvals from regulatory agencies. Mr. Zalewski has served as the

Project Manager and/or Technical Supervisor for projects involving Flood Hazard, Pinelands, CAFRA, Wetlands, Stormwater Management, Riparian Zones and Dam Safety Permits. Mr. Zalewski earned a BS degree from New Jersey Institute of Technology and is a licensed Professional Engineer in the State of New Jersey and Pennsylvania. He is also a Certified Floodplain Manager (CFM) and a Certified Stormwater Manager (CSM).



#### Steven C. Ragazzo, PE - Director of Structures

Mr. Ragazzo is a Structural Engineer with over twenty five years of experience in all aspects of bridge design, rehabilitation, and inspection as well as other areas of structural design. He has served as Project Manager or Technical Lead on bridge projects that included field inspection, superstructure and substructure design, structural bridge improvements from minor repairs to full replacement and construction inspection for culverts, steel truss bridges, concrete bridges and steel beam bridges.

In addition, Mr. Ragazzo has been the technical lead for the initial design, structural analysis, and rehabilitation design of overhead sign structures, steel equipment support frames, monopoles, electrical towers, and utility poles. He has also been responsible for structural evaluation and rehabilitation design on projects involving transit facilities and infrastructure. Mr. Ragazzo received BS and MS degrees from Lehigh University and is a licensed Professional Engineer in New Jersey and Pennsylvania.

#### Michael J. McAlpin, PLS - Director of Surveying

Mr. McAlpin is the Director of Surveying with over thirty years of land surveying experience. For more than two decades, he has focused on serving the transportation industry. He has been responsible for boundary and topographic surveys, right-of-way analysis and plans, basemapping, establishing project control and control reports, ALTA/ACSM Title surveys, as-built surveys, and subdivisions. He is experienced in the following public agency procedures and



NJTA, PennDOT, NJ Transit, SEPTA, PANYNJ, and NYCDDC. Mr. McAlpin is a licensed Professional Land Surveyor in New Jersey, New York, and Pennsylvania.



#### Joseph Aliseo, CPM - Construction Services Manager

Mr. Aliseo brings over forty years of transportation experience to M&S, including 17 years of experience in organizing and managing construction services. Mr. Aliseo has extensive experience in overseeing construction personnel on teams providing construction inspection services on major roadway reconstruction and facility improvement projects for major transportation agencies such as NJDOT and NJ Turnpike Authority. He has also been responsible for painting inspection and other construction

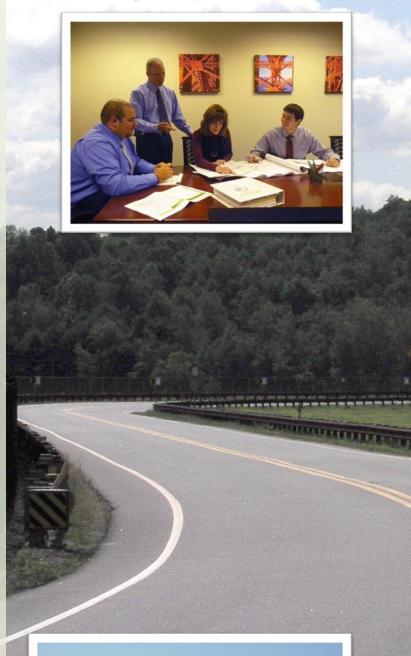
management services for various clients throughout New Jersey. Prior to joining the transportation consultant community, Joe worked for the NJDOT for 27 years in various positions. He is a graduate of New Jersey Institute of Technology, where he earned his Bachelor's degree in Civil Engineering. He is also a Certified Public Manager (CPM).

### HIGHWAY ENGINEERING

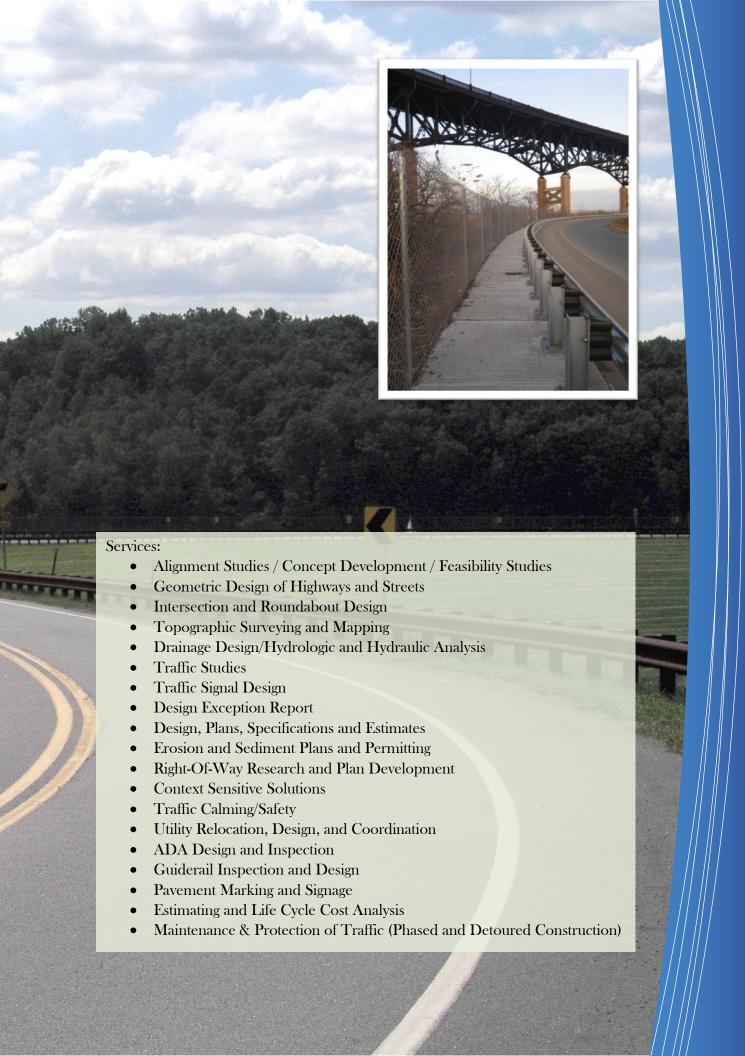
M&S has provided consulting services to the transportation industry for over a decade and provides a wide range of highway engineering and design services. The M&S Team has the diversified expertise to handle all aspects of highway design and project management with experience working as a prime consultant directly for the NJDOT and multiple counties.

Having followed many projects from feasibility analysis to conceptual design, final design, and through construction, the dedicated professionals at MES have developed the experience necessary to get a project completed. In addition, they understand the importance of incorporating quality assurance practices and constructability reviews into each stage of the project.

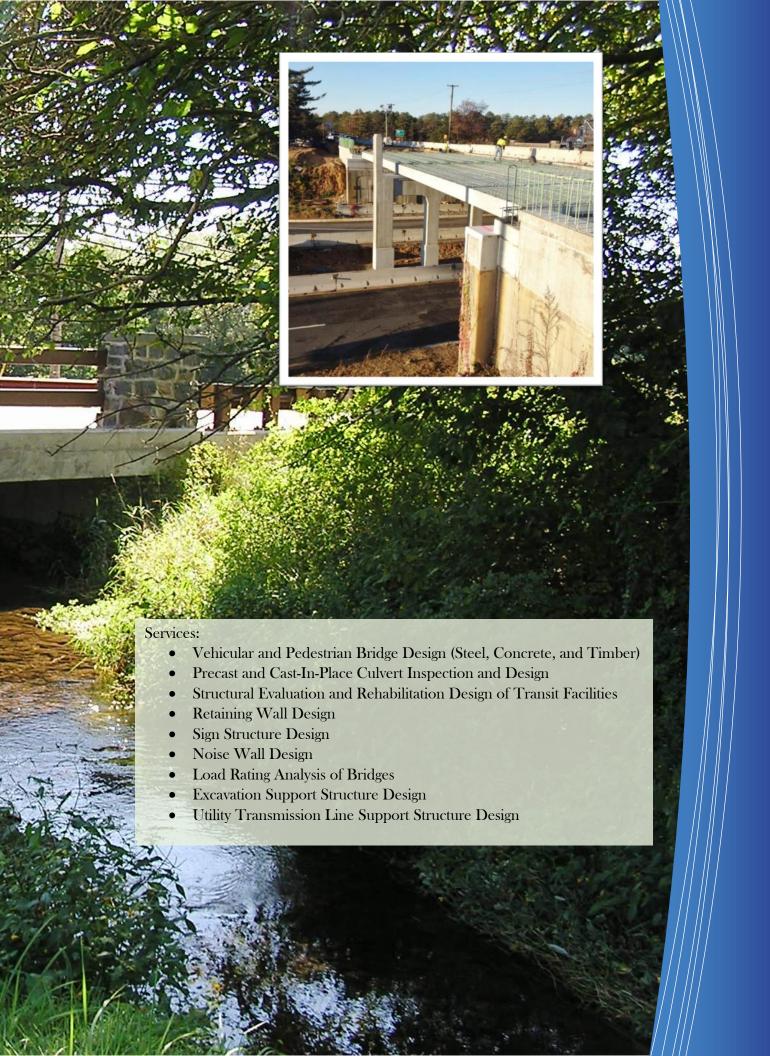
Plans and geometric designs be completed either Microstation/Inroads Auto-CAD/Autodesk Land Desktop/ Civil 3D formats depending on the client's needs. The M&S Team is well versed in applying the standards and specifications of many large transportation clients such as NJDOT, PennDOT, NJ Turnpike, and the Port Authority of NY & NJ.



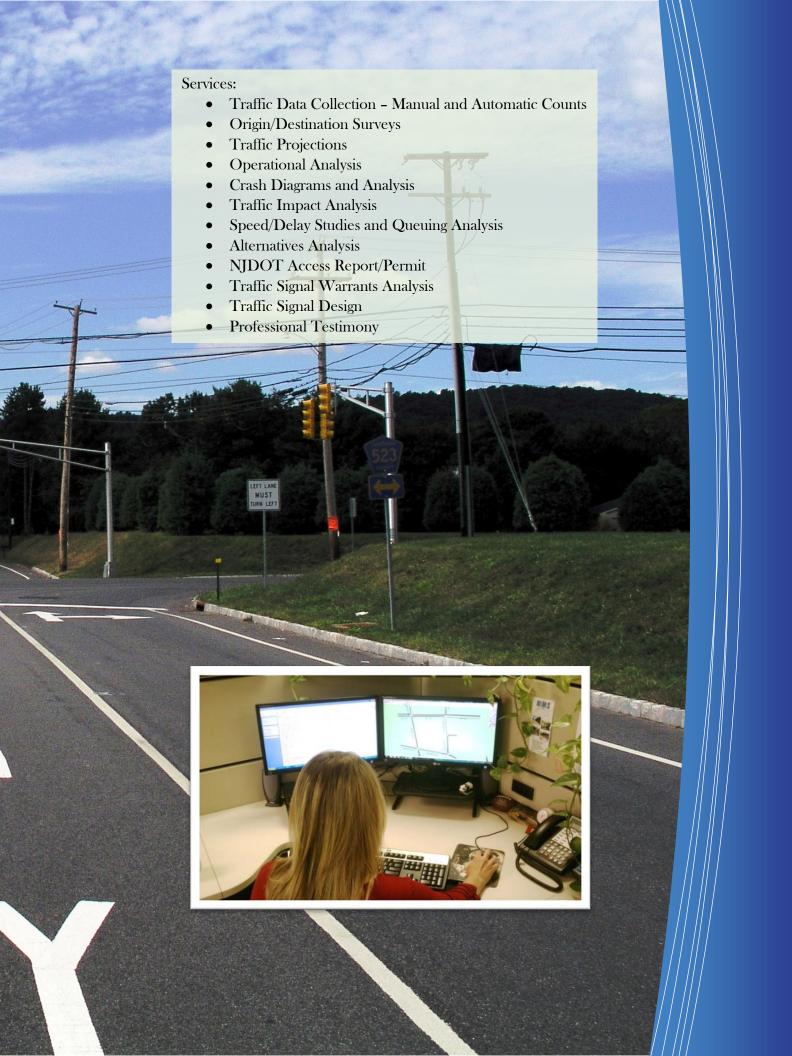












## ENVIRONMENTAL SERVICES

Over recent years, the amount and intensity of governmental regulation to protect wetlands and water resources has increased drastically causing environmental concerns to be a significant part of almost every project. MES provides extensive experience in current environmental regulations and permitting processes. This knowledge is utilized not only to provide environmental services, but also to develop an environmentally sensitive and viable design.

Through our many years of experience in coordinating and preparing flood hazard, wetlands, riparian zones, dam safety, and waterfront development permit applications, M&S has developed an excellent working relationship with NJDEP. In addition, M&S has experience working with PADEP, Coastal Area Flood Review Act (CAFRA), the Pinelands Commission, New Jersey Board of Health, and various Soil Conservation Districts.



#### Services:

- Wetland Delineation
- Environmental Assessment
- LOI and Wetland Permits
- Flood Hazard Permits
- Riparian Buffer Compensation
- Dam Safety Permits
- Soil Erosion & Sediment Control Permits
- Pinelands Permits
- CAFRA Permits
- Highlands Application





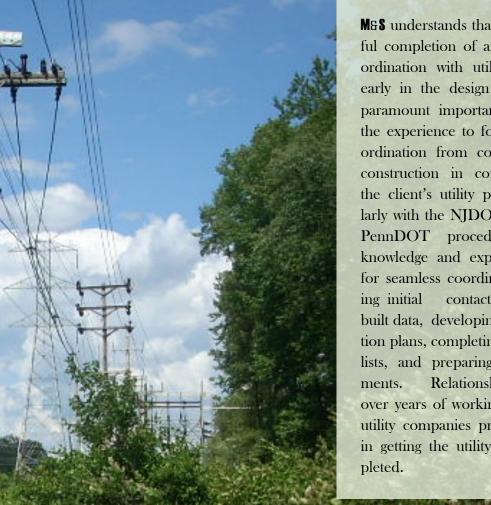
As utility companies strive to meet the needs of increasing power demands while incorporating green technologies, M&S has been there to provide them with overall civil support. As a multi-disciplined firm, we can offer services from the initial site feasibility screening through to construction services for new substations and transmittal lines as well as modifications to existing facilities. This depth of services allows M&S to address any problems that may arise throughout the design process with innovative and cost effective solutions.



#### Services:

- Site feasibility including:
  - Site screening for environmentally sensitive areas
  - Preparation of constraints maps
- Survey basemapping
- Environmental permitting
- Plans and testimony for municipal zoning and planning approvals
- Design of Transmission Lines ranging from 34.5 kV 230 kV
- Structural design of monopole, dead end structures, wood and laminated poles
- Final construction documents for bid
- Construction stake-out
- Construction support

## UTILITY COORDINATION & DESIGN



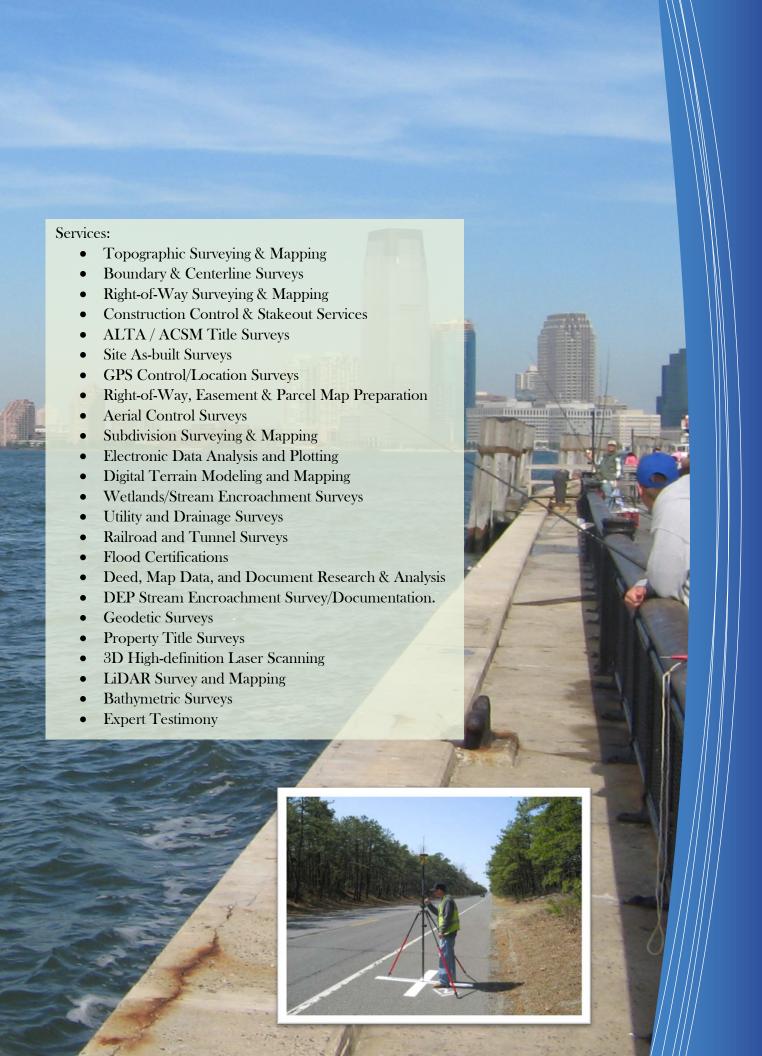
M&S understands that for a successful completion of any project, coordination with utility companies early in the design process is of paramount importance. M&S has the experience to follow utility coordination from concept through construction in compliance with the client's utility process particularly with the NJDOT, NJTA, and PennDOT procedures. This knowledge and experience allows for seamless coordination in makcontact, obtaining asbuilt data, developing utility relocation plans, completing utility checklists, and preparing utility agree-Relationships developed over years of working with various utility companies prove invaluable in getting the utility process com-

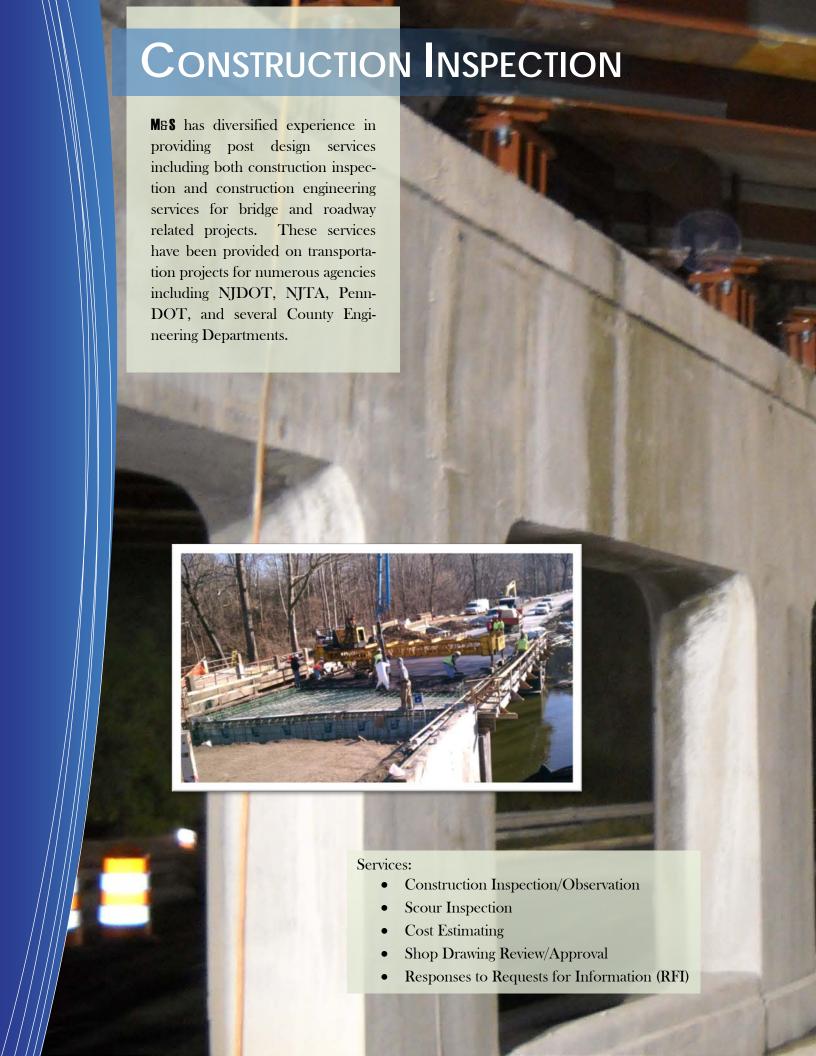


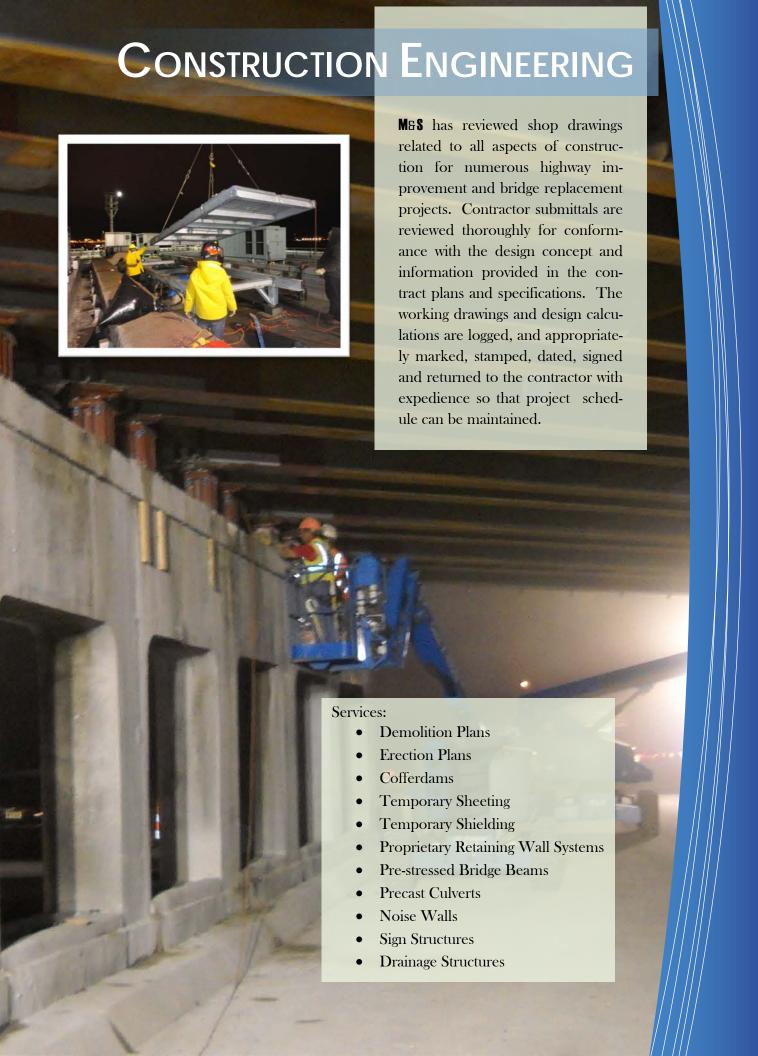
#### Services:

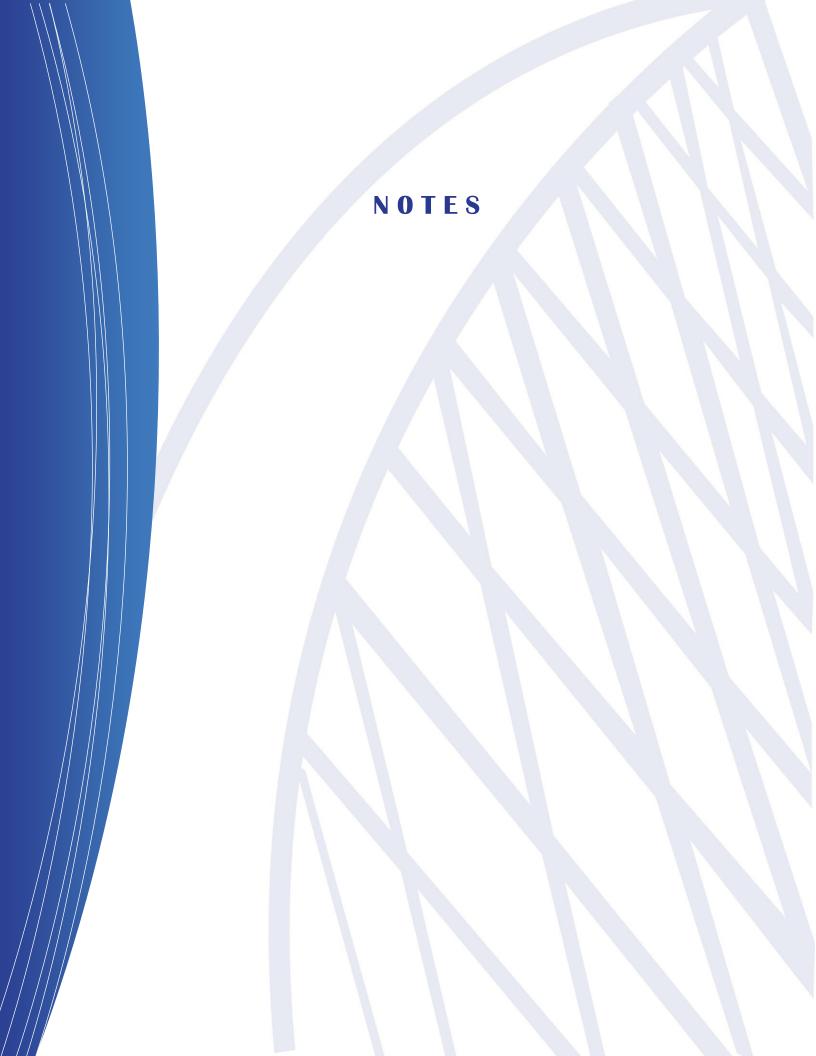
- Utility Survey and Mapping
- Utility Coordination and Design
- Utility Plans, Checklists and Agreements
- Substation layout, grading and drainage design
- Transmission and distribution line design













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