



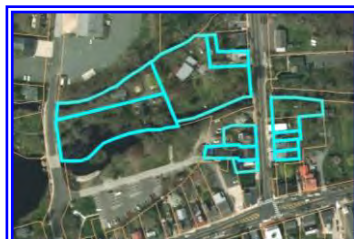
State of New Jersey  
Department of the Treasury



***Technical Proposal  
Boundary Survey for Land Acquisition  
Various Parcels***

***DPMC Project No. P1239-00***

**Township of Southamptton & Township of Pemberton,  
Burlington County, NJ**



**Submitted: May 20, 2021**



**Boswell Engineering  
SOUTH HACKENSACK, NEW JERSEY**

**ENGINEERS • PLANNERS • SURVEYORS • SCIENTISTS**

*Engineering Excellence Since 1924*



May 20, 2021

Division of Property Management and Construction  
Contracts & Procurement Unit  
Department of Treasury  
33 West State Street, 9<sup>th</sup> Floor, Plan Room  
P.O. Box 034  
Trenton, NJ 08625-0034

Attention: Mr. William Mahan

Re: Project # P1239-00  
Technical & Fee Proposal  
Boundary Surveys for Land Acquisition  
Various Parcels  
Township of Southampton & Township of  
Pemberton, Burlington County, New Jersey  
Our File No.: PR-21-10480

Dear Mr. Mahan:

**Boswell Engineering (Boswell)**, in accordance with the Division of Property Management and Construction's (DPMC) invitation, is pleased to submit, via email, PDFs of our Technical Proposal and Fee Proposal for the above referenced project.

**Statement of Interest** - Based upon our review of the Scope of Work, our extensive resources in the requisite PO15 – Land Surveying discipline and our extremely well qualified survey staff, we are enthusiastically interested in performing the professional surveying services detailed in the DPMC's Request for Proposal.

**Location Where Work will be Performed** - The office of record for this project will be **Boswell's** corporate headquarters located at 330 Phillips Avenue, South Hackensack, New Jersey.

We appreciate the opportunity to submit our Technical Proposal and Fee Proposal and look forward to applying our myriad of experience providing the Boundary Surveys as needed for land acquisition by the State. Should there be any questions or if further information is required, please do not hesitate to contact Frank Krupinski, P.L.S. or me.

Very truly yours,

BOSWELL ENGINEERING

Kevin J. Boswell, P.E., P.P., CME

KJB/FMK/rm  
Enclosures



State of New Jersey

Department of the Treasury



*DPMC Project No. P1239-00*

*Boundary Surveys for Land Acquisition*

*Townships of Southampton & Pemberton, N.J.*

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## Section A:

**Company Overview - Boswell Engineering (Boswell)**, a multi-disciplinary, full service engineering firm, possessing civil, structural and environmental engineering, construction management/inspection and surveying capability, is currently ranked *nationally among ENR's "Top 500 Design" and "Top 100 Construction Management" firms* and ranked statewide among NJBIZ's, "*Top Engineering Firms.*" Since its founding in 1924, **Boswell** has provided public and private sector clients with a comprehensive range of professional engineering services and has earned a distinguished reputation for its technical and management expertise. With over 200 employees, **Boswell** is recognized as *one of the largest and most diverse New Jersey based engineering firms.*

The company's ability to set forth its capabilities through the development and utilization of novel approaches and technological advancements is a direct result of a highly trained and versatile professional and technical staff. This level of qualified individuals has consistently enabled the firm to provide the planning, survey, design and construction supervision for numerous projects which have improved the quality of life for the cities, towns and counties with which we have been associated.

**Boswell** built an early reputation for excellence by skillfully performing countless surveys over many years. Today, **Boswell** continues to perform hundreds of surveys each year utilizing advanced surveying equipment and field instruments. Global Navigation Satellite System (GNSS), with Real-Time Kinematic (RTK) capability, Electronic total stations, and powerful laptop computers are just some of the sophisticated equipment we use in the field.

**Boswell** is also recognized as a leader in surveying by title insurance companies, courts and public agencies all seeking the **Boswell** expertise in the final determination of land and riparian boundaries.

### *Surveying Services include:*

- GNSS/RTK survey
- Boundary & topographic surveys
- Right-of-way surveying & mapping
- Flood elevation surveys
- Ground control & baseline surveys
- Construction stakeout
- Hydrographic surveying & mapping
- Monitoring well surveys

The **Boswell** organization represents a competent, qualified and experienced firm with the sufficient staff resources necessary to meet all of the DPMC's objectives and performance standards. The extensive experience and the philosophy of the firm encourages staff to be innovative and creative, willing to take on and solve complex and analytical problems. **Boswell** is committed to providing the DPMC with an exceptional product which is cost-effective, high in quality and adheres to specific time requirements.



### ***Administrative Information***

Company Name: Boswell Engineering  
Address: 330 Phillips Avenue  
South Hackensack, NJ 07606  
Telephone: 201-641-0770  
Fax: [REDACTED]  
Web: <http://boswellengineering.com>  
Key Contact Person: Stephen T. Boswell, Ph.D., P.E., P.P., SECB, LSRP, CME  
Project Manager: Frank M. Krupinski, P.L.S.  
Business Organization: Corporation (New Jersey – established 1924)  
Years in Business/Current Mgmt: 97 years / 38 years  
State of New Jersey Business Registration Certificate: Certificate No. 0099760

STATE OF NEW JERSEY  
BUSINESS REGISTRATION CERTIFICATE  
FOR STATE AGENCY AND CASINO SERVICE CONTRACTORS

TAXPAYER NAME: BOSWELL ENGINEERING, INC.  
TRADE NAME:  
TAXPAYER IDENTIFICATION#: [REDACTED]  
CONTRACTOR CERTIFICATION#: 0099760  
ADDRESS: 330 PHILLIPS AVE  
SO HACKENSACK NJ 07606  
ISSUANCE DATE: 10/03/01  
EFFECTIVE DATE: 07/01/66  
FORM-BRC(08-01)

DEPARTMENT OF TREASURY  
DIVISION OF REVENUE  
PO BOX 352  
TRENTON, N.J. 08646-0252

Patricia A. Chiacchieris  
Director, Division of Revenue

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

- New Jersey Certificate of Authorization to Perform Engineering and Land Surveying – Certificate No. 24GA27958000

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

State Of New Jersey  
New Jersey Office of the Attorney General  
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE  
Board of Prof. Engineers & Land Surveyors  
HAS LICENSED  
BOSWELL ENGINEERING, INC.  
STEPHEN T BOSWELL  
330 Phillips Avenue  
South Hackensack NJ 07606  
FOR PRACTICE IN NEW JERSEY AS A(N): Certificate of Authorization  
Engineering & Land Surveying

07/31/2020 TO 08/31/2022  
VALID

24GA27958000  
LICENSE/REGISTRATION/CERTIFICATION #

Stephen T. Boswell  
Signature of Licensee/Registrant/Certificate Holder

Paul Rodriguez  
ACTING DIRECTOR



**State of New Jersey**

DEPARTMENT OF TREASURY  
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION  
P O BOX 034  
TRENTON NJ 08625-0034

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

ELIZABETH MAHER MUOIO  
*State Treasurer*

CHRISTOPHER CHIANESE  
*Director*

DATE: April 23, 2021  
TO: All Participating Firms  
FROM: Christopher R. Geary, Assistant Deputy Director *CB*  
Contracts & Procurement Unit  
SUBJECT: Addendum "A" dated April 23, 2021  
Project: P1239-00  
Boundary Surveys for Land Acquisition  
Various Parcels  
Southampton & Pemberton Twps., Burlington County, NJ

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

Division of Property Management & Construction  
Contracts and Procurement Unit  
Attention: William Mahan  
P.O. Box 034  
Trenton, NJ 08625-0034  
Fax #: (609) 777-1970  
Email: William.mahan@treas.nj.gov

April 27, 2021

Date Received  
Boswell Engineering, Inc.

Firm Name  
330 Phillips Avenue, South Hackensack, NJ 07606

Address

*John Cassetta*  
Signature John Cassetta  
Senior Vice President

Title

Addendum "A"  
Project: P1239-00  
Boundary Survey for Land Acquisition  
Various Parcels  
Southampton & Pemberton Twps., Burlington County, NJ  
Date: April 23, 2021

**This ADDENDUM is issued for the purpose of clarifying and amending certain requirements of the Scope of Work as noted hereinafter, and is hereby made part of and incorporated in the Consultant's Contract. The consultant is to consider these matters when preparing their technical and fee proposals for this project. Unless specifically noted or specified hereinafter, all work shall comply with the applicable provisions of the Contract.**

## **ADDENDUM "A"**

### **ADMINISTRATIVE ITEMS:**

#### **1. FEDERAL SYSTEM FOR AWARD MANAGEMENT (SAM)**

Any firm seeking to be awarded a contract must register with the Federal System for Award Management (SAM) prior to contract award. In order to comply with this requirement, firms must register in SAM at <http://www.sam.gov>.

In accordance with N.J.S.A. 52:32-44.1, the firm shall provide a written certification to DPMC that neither the firm nor the firm's affiliates are debarred at the federal level from contracting with a federal government agency.

#### **2. DIANE B. ALLEN EQUAL PAY ACT**

Pursuant to N.J.S.A. 34:11-56.14(a), Any employer, regardless of the location of the employer, who enters into a contract with a public body to provide qualifying services to the public body shall provide a report to the Commissioner of Labor and Workforce Development, in a form issued by regulation promulgated by the commissioner, of information regarding the compensation and hours worked by employees categorized by gender, race, ethnicity, and job category. Data regarding compensation and hours worked by employees shall be reported in the form by pay bands to be established by regulation promulgated by the commissioner. The commissioner may establish a standard presumption for the number of hours worked by a fulltime employee or by a part-time employee for whom an employer does not track actual hours worked. An employer shall provide a report for each establishment of the employer.

Information regarding the Diane B. Allen Equal Pay Act and its requirements may be obtained from the New Jersey Department of Labor and Workforce Development (LWD) web site at: <https://nj.gov/labor/equalpay/equalpay.html>

LWD forms may be obtained from the online web site at:  
[https://nj.gov/labor/forms\\_pdfs/equalpayact/MW-562withoutfein.pdf](https://nj.gov/labor/forms_pdfs/equalpayact/MW-562withoutfein.pdf)

### 3. EXECUTIVE ORDERS NO. 122, 142, 192 AND 204 (MURPHY)

All businesses engaged in construction projects in the State must adopt policies that include, at a minimum, the requirements for worksite safety related to COVID-19 provided in Executive Orders No. 122, 142, 192 and 204 and any subsequent applicable Executive Order(s) or directives. Attached is the DPMC Notice dated December 14, 2020 to All Contractors and Project Personnel on DPMC Construction Projects detailing these protections and policies related to COVID-19.

### 4. EMPLOYEE MISCLASSIFICATION

In accordance with Governor Murphy's Executive Order #25 and the Task Force's July 2019 Report, employers are required to properly classify their employees. Workers are presumed to be employees and not independent contractors, unless the employer can demonstrate all three factors of the "ABC Test" below:

- A. Such individual has been and will continue to be free from control or direction of the performance of such service, but under his or her contract of service and in fact; and
- B. Such service is either outside the usual course of business for which such service is performed, or that such service is performed outside of all places of business of the enterprise for which such service is performed; and
- C. Such individual is customarily engaged in an independently established trade, occupation, profession or business.

These factors have been adopted by New Jersey under its Wage & Hour, Wage Payment and Unemployment Insurance Laws to determine whether a worker is properly classified. Under N.J.S.A. 34:1A-1.17 – 1.19, the Department of Labor and Workforce Development has the authority to investigate potential violations of these laws and issue penalties and stop work orders to employers found to be in violation of the laws.

### **Attachments:**

- 1. DPMC Notice dated December 15, 2020 to All Contractors and Project Personnel on DPMC Construction Projects.

**END OF ADDENDUM "A"**





PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

**State of New Jersey**  
DEPARTMENT OF TREASURY  
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION  
P O BOX 034  
TRENTON NJ 08625-0034

ELIZABETH MAHER MUOIO  
*State Treasurer*

CHRISTOPHER CHIANESE  
*Director*

December 15, 2020

**To All Contractors and Project Personnel on DPMC Construction Projects:**

All businesses engaged in construction projects in the State, whether or not the projects were designated as essential under Executive Order No. 122 (2020), must adopt policies that include, at minimum, the following requirements as per Executive Orders No 122, 142, 192 and 204 (2020).

**These policies and procedures are as follows:**

- a. Prohibit non-essential visitors from entering the worksite;
- b. Engage in appropriate social distancing measures when picking up or delivering equipment or materials;
- c. Limit indoor gatherings to 10 individuals and outdoor gatherings to 25 persons or fewer with social distancing practiced;
- d. Require individuals to maintain six feet or more distance between them to the maximum extent possible;
- e. Stagger work start and stop times where practicable to limit the number of individuals entering and leaving the worksite concurrently;
- f. Identify congested and "high-risk areas," including but not limited to lunchrooms, breakrooms, portable rest rooms, and elevators, and limit the number of individuals at those sites concurrently where practicable;
- g. Stagger lunch breaks and work times where practicable to enable operations to safely continue while utilizing the least number of individuals possible at the site;
- h. Require workers and visitors to the worksite to wear cloth or disposable face masks while on the premises, in accordance with CDC recommendations, except where it is impracticable for an individual to wear a face mask, such as when the individual is eating or drinking or where a service being provided by the employer cannot be performed on an individual who is wearing a mask, and require workers to wear gloves while on the premises. Businesses must provide, at their expense, such face coverings and gloves for their employees. If a visitor refuses to wear a cloth face covering for non-medical reasons and if such covering cannot be provided to the individual by the business at the point of entry, then the business must decline entry to the individual. Nothing in the stated policy should prevent workers or visitors from wearing a surgical-grade mask or other more protective face covering if the individual is already in possession of such equipment, or if the businesses is otherwise required to provide such worker with more protective

equipment due to the nature of the work involved. Where an individual declines to wear a face covering on the premises due to a medical condition or disability that inhibits such usage, the employer may require the employee to produce medical documentation supporting claims that they are unable to wear a face mask because of a disability;

- i. Require infection control practices, such as regular hand washing and sanitization, coughing and sneezing etiquette, and proper tissue usage and disposal;
- j. Limit sharing of tools, equipment, and machinery;
- k. Where running water is not available, provide portable washing stations with soap and/or alcohol-based hand sanitizers that contain at least 60% alcohol and sanitizing wipes that are approved by the United States EPA for SARS-CoV-2 virus to employees and visitors at no cost to the individuals. Employers may also adopt policies that require employees to wear gloves while at the worksite;
- l. Routinely clean and disinfect all high-touch areas particularly in spaces that are accessible to employees or other individuals, including, but not limited to restrooms, hand rails, door knobs, breakrooms, machinery, safety equipment and other frequently touched surfaces including employee used equipment, and ensure cleaning procedures following a known or potential exposure are in compliance with CDC recommendations;
- m. When the worksite is an occupied residence, require workers to sanitize work areas and keep a distance of at least six feet from the occupants; and
- n. Place conspicuous signage at entrances and throughout the worksite detailing the above mandates.

**Additionally, Contractors and Project Personnel on DPMC construction projects must continue to:**

- a. Prior to each shift, conduct daily health checks of employees, such as temperature screenings, visual symptom checking, self-assessment checklists, and/or health questionnaires, consistent with CDC guidance including latest CDC guidance regarding COVID-19 symptoms, consistent with the confidentiality requirements of the ADA, NJLAD and any other applicable laws, and consistent with any guidance from the Equal Employment Opportunity Commission ("EEOC") and the New Jersey Division on Civil Rights;
- b. Immediately separate and send home workers who appear to have symptoms, as defined by the CDC, consistent with COVID-19 illness upon arrival at work or who become sick during the day;
- c. Promptly notify workers of any known exposure to COVID-19 at the worksite, consistent with the confidentiality requirements of the Americans with Disabilities Act and any other applicable laws and consistent with guidance from the EEOC;
- d. Clean and disinfect the worksite in accordance with CDC guidelines when a worker at the site has been diagnosed with COVID-19 illness; and
- e. Continue to follow guidelines and directives issued by the New Jersey Department of Health, the CDC and the Occupational Health and Safety Administration, as applicable, for maintaining a clean, safe and healthy work environment.

**Consequently, the protections and policies outlined in Executive Orders 122, 142, 192 and 204 take effect immediately for all DPMC construction projects.**

These protections, policies and directives issued in accordance with the referenced and all subsequent Executive Orders and directives shall remain in effect until revoked or modified by the Governor or as amended or clarified by the State Director of Emergency Management.

Respectfully,

A handwritten signature in black ink, appearing to read "Richard Flodmand". The signature is fluid and cursive, with the first name "Richard" being more prominent than the last name "Flodmand".

Richard Flodmand  
Deputy Director, Contract Administration  
Division of Property Management  
and Construction



*State of New Jersey*

DEPARTMENT OF TREASURY  
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION  
P O Box 034  
TRENTON NJ 08625-0034

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

ELIZABETH MAHER MUOIO  
*State Treasurer*

CHRISTOPHER CHIANESE  
*Director*

DATE: May 6, 2021

TO: All Participating Firms

FROM: Christopher R. Geary, Assistant Deputy Director  
Contracts & Procurement Unit

SUBJECT: Addendum "B" dated May 6, 2021  
Project: P1239-00  
Boundary Surveys for Land Acquisition  
Various Parcels  
Southampton & Pemberton Twps., Burlington County, NJ

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

Division of Property Management & Construction  
Contracts and Procurement Unit  
Attention: William Mahan  
P.O. Box 034  
Trenton, NJ 08625-0034  
Fax #: (609) 777-1970  
Email: William.mahan@treas.nj.gov

May 6, 2021

Date Received  
John Cassetta

Firm Name  
330 Phillips Avenue, South Hackensack, NJ 07606

Address

Signature  
Senior Vice President

Title



Addendum "B"  
Project: P1239-00  
Boundary Surveys for Land Acquisition  
Various Parcels  
Southampton & Pemberton Twps., Burlington County, NJ  
Date: May 6, 2021

## ADDENDUM "B"

This ADDENDUM is issued for the purpose of clarifying and amending certain requirements of the Solicitation of Professional Services, Request for Proposal for Consultant Services and Scope of Work as noted hereinafter, and is hereby made part of and incorporated in the Consultant's Contract. The consultant is to consider these matters when preparing their technical and fee proposals for this project. Unless specifically noted or specified hereinafter, all work shall comply with the applicable provisions of the Contract.

### REMINDERS:

- Due date for proposals is May 20, 2021 NO LATER THAN 2:00 PM
- Refer to the RFP for the electronic delivery requirement and instructions.

### SCOPE OF WORK REVISIONS

#### VII. LIQUIDATED DAMAGES

**DELETE:** a. *"for failure to deliver complete survey deliverables for each property within 30 calendar days of issuance of the notice to proceed, in the amount of \$20 per business day per property not delivered, up to a maximum of \$5,000 in total liquidated damages."*

**ADD:** a. *"for failure to deliver complete survey deliverables for each property within 90 calendar days of issuance of the notice to proceed, in the amount of \$20 per business day per property not delivered, up to a maximum of \$5,000 in total liquidated damages."*

### CONSULTANT QUESTIONS:

#### Nader Group

**Q1:** The 90 day limit (III A.) for 49 parcels is very aggressive. Will the Client be providing title work for each of the parcels? It does not appear that time for record title research and right of entry notifications has been accounted for in this schedule. And how does the 90-day completion schedule (III A.) measure up to the liability schedule of 30 days after NTP (VII a.)?

**Response:** Previous similar Blue Acres projects have shown that the 90 day schedule for 49 parcels is achievable. Title work will be provided for each parcel at the kickoff meeting.

**Q2:** Will there be a separate Notice to Proceed for each Parcel or will it be the entire collection?

**Response:** The notice to proceed will include all of the parcels in one notification.

**Q3:** Can there be a consolidation of the documentation effort in order to minimize the costs of setting markers? The piecemeal method of demolishing the property and calling for setting markers within 30 days may not allow for a cost-effective procedure over a potential 48 months.

**Response:** Corners markers will be set when all demolitions are complete and all markers will be set within the same general timeframe (one mobilization).

**Q4:** In order for all the parcels to be completed within the timeline, will multiple awards of contracts be made?

**A:** There will be one contract awarded comprising all of the parcels.

**Q5:** What procedure will be required if there is an obstruction to setting a monument?

**Response:** Each instance of an obstruction at a proposed monument location will be addressed individually at the discretion of the Green Acres project manager. Typically, in previous instances, monuments are set on offsets along the boundary line.

**Q6:** Can the client please clarify the discrepancies between the Block Numbers in the table in Exhibit C and the tax maps (attached below) for Pemberton Township?

**Response:** There do not appear to be any discrepancies.

**END OF ADDENDUM "B"**



### ***Experience/Representative Projects***

**Boswell**, since its founding in 1924, has kept pace with the rapidly changing technological advancements in the industry in order to provide public and private sector clients with state-of-the-art engineering and surveying services and has skillfully performed countless surveys over the years. Today, **Boswell** continues in this tradition performing hundreds of surveys each year utilizing advanced surveying equipment and field instruments including, Global Navigation Satellite System (GNSS) receivers with Real-Time Kinematic (RTK) capability and electronic total stations with onboard data collection.

**Boswell's** survey services include **Green Acres surveys (both State and Local Unit acquisitions)**, **Blue Acres surveys**, boundary surveys, topographic surveys, flood elevation certifications, ALTA/NSPS Land Title Surveys, GNSS surveys, utility surveys, wetlands delineation surveys, route surveys, title surveys, right-of-way surveying and mapping, construction stakeout (layout) and as-built surveys monitoring well surveys, and hydrographic surveying.

**Boswell's** experience in providing surveying services to public entities may be unparalleled in the State of New Jersey. **Boswell** has represented and provided surveying services for 85 New Jersey municipalities and 11 New Jersey counties throughout the decades and currently represents 34 New Jersey municipalities. Aside from the **DPMC**, **Boswell** has performed **Blue Acres surveys** for the Borough of Hawthorne, the Borough of Westwood and the Township of Little Falls. **Boswell** has also performed **Green Acres surveys** for numerous municipalities, including the City of Garfield, the Boroughs of Closter, Franklin Lakes and New Milford, the Township of Wayne, and the Village of Ridgely Park, just to name a few, following the requirements for Local Government Unit and Nonprofit acquisitions.

**Boswell's** survey crews are equipped with GNSS/RTK equipment (1 Leica GS1x VIVA GNSS System and 2 Leica System 1200 Receivers), total stations (2 Leica TS 11, 3 Leica TCR 1103,). **Boswell's** GS1 VIVA GNSS System and one of the System 1200 setups utilizes Leica Geosystems' high accuracy, high availability HxGN SmartNet (formerly SmartNet North America) RTK Network. The other System 1200 setup employs CDMA technology, with a base and rover configuration, resulting in a range of nearly 35 km. The field instruments utilized by our field personnel afford the luxury of direct interface with desktop computers in our office. The field instruments are also loaded with coordinate geometry programs to aid the field crews during radial stakeout. This enables any changes required by field conditions to be handled at the site without loss of efficiency. All data collected by GNSS/RTK satellite surveying can be seamlessly integrated into our mapping via exporting and importing a standard ASCII file. Our collected GNSS/RTK data is processed utilizing Leica's Infinity V3.3.2 software.

**Boswell's** computer network is comprised of over 100 Intel based workstations connected through a gigabit local area network. This permits each workstation access to file servers, as well as black and white and color laser printers and large format plotters. Mobil workstations can connect to



State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

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**Boswell's** network through a secure VPN connection. **Boswell's** computer network is as follows:

- 13 stations in the Surveying Department,
- 48 stations in the Engineering Department,
- 28 stations in the CADD Department; and
- 15 stations for Administration

The graphic workstations use either AutoDesk Land Desktop, AutoCAD, Civil 3D or MicroStation and Bentley InRoads as the CADD software. AutoDesk Land Desktop will be the drafting software utilized for this project.

Our survey software is rounded out by AutoDesk Civil 3D for survey data processing, survey baseline analysis and adjustment and for the creation of digital terrain models.

The CADD files can be provided either by email, on CD disk or downloaded from our FTP site. Comparable data collector files and/or post processed survey files containing feature information can be converted to various formats other than how originally collected and final drawings if required, can be provided in formats other than Land Desktop. **Boswell's** in-house GNSS group is experienced in the integration of data collected by GNSS/RTK satellite surveying into its mapping. All GNSS/RTK data is processed utilizing Leica's Infinity software.

**Boswell's** CADD Department is capable of meeting client's criteria for specific requirements of digital data (hardware, software, layering, line types, symbols, attributes, etc.) and is experienced in ESRI ArcGIS. This allows the delivery of file drawings in the format required by the client. We have specific workstations that are designated as Microstation V8 and SE computers which that can produce DGN drawing format files.

Our survey personnel have had various OSHA training courses, including HAZWOPER training, and attend the necessary refresher courses, as required. All survey parties are provided with a fully equipped van, together with all necessary safety gear and equipment.

Representative Survey Projects follow in this Section.





State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

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**Boswell** has provided professional surveying services throughout the State of New Jersey for more than nine decades. The following is a representation of projects demonstrating the firm's experience and qualifications to perform the specific type of Boundary Surveys required by the DPMC in the Townships of Southampton and Pemberton.

***Project Name & Location:*** Boundary Surveys for Land Acquisition, Various Parcels  
Borough of Manville, Somerset County, New Jersey

***Client:*** State of New Jersey,  
Department of the Treasury,  
Division of Property Management & Construction  
Trenton, New Jersey

***Description of Services:***

In order for the State of New Jersey to proceed with the acquisition of sixty eight (68) properties in the Borough of Manville, **Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Somerset and the County Engineer's Office; and performed an analysis comparing record data to field locations.

This project also required extra attention to the boundary on a dozen or so properties because of either deed language, conflicting map information, poor filed map geometry, or a natural monument that is no longer present.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program's** procedures for **Blue Acres Floodplain Acquisitions**.

Also, it should be noted that **Boswell** continued to work on this project for two months throughout the COVID-19 pandemic, and made regular submittals to **Green Acres** during this period. During that time, **Boswell** made preliminary submittals for 39 properties, the final submittals for 47 properties, submitted an interim disc containing the digital files for 38 properties and submitted the final disc containing the required digital deliverables for all 68 properties.



***Project Name & Location:*** Boundary Surveys for Land Acquisition, Various Parcels  
City of Pleasantville, Atlantic County, New Jersey

***Client:*** State of New Jersey,  
Department of the Treasury,  
Division of Property Management & Construction  
Trenton, New Jersey

***Description of Services:***

In order for the State of New Jersey to proceed with the acquisition of twenty five (25) properties in the City of Pleasantville, **Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Atlantic and the NJDEP, Bureau of Tidelands; and performed an analysis comparing record data to field locations.

In 2019, **Boswell** researched records, performed the field surveying, performed the boundary analysis, submitted the required preliminary survey plat, legal description and Surveyor's Certification and Summary form for twenty four (24) properties to **Green Acres** for review, and ultimately prepared and delivered the final submittal of all twenty four (24) properties in fifty nine (59) calendar days total.

The twenty fifth property was added in April of 2021.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program**'s procedures for **Blue Acres Floodplain Acquisitions**.



State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

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**Project Name & Location:** Boundary Surveys for Land Acquisition, Various Parcels  
Township of Ocean, Monmouth County, New Jersey

**Client:** State of New Jersey,  
Department of the Treasury,  
Division of Property Management & Construction  
Trenton, New Jersey

**Description of Services:**

In order for the State of New Jersey to proceed with the acquisition of ten (10) properties in the Township of Ocean, **Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Monmouth; and performed an analysis comparing record data to field locations.

**Boswell** researched records, performed the field surveying, performed the boundary analysis, submitted a required preliminary survey plat and description to **Green Acres** via email for review, submitted an additional revised preliminary plat and description for review and ultimately prepared and delivered the final submittal of all ten (10) properties in the thirty-two (32) calendar days.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program**'s procedures for **Blue Acres Floodplain Acquisitions**.



State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

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***Project Name & Location:***

Boundary Surveys for Land Acquisition, Various Parcels  
Borough of Keansburg, Monmouth County, New Jersey

***Client:***

State of New Jersey,  
Department of the Treasury,  
Division of Property Management & Construction  
Trenton, New Jersey

***Description of Services:***

In order for the State of New Jersey to proceed with the acquisition of seven (7) properties in the Borough of Keansburg, **Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Monmouth; and performed an analysis comparing record data to field locations.

**Boswell** researched records, performed the field surveying, performed the boundary analysis, submitted a preliminary survey plat and description for all properties to **Green Acres** for review, and ultimately prepared and delivered the final submittal of all seven (7) properties. This project also required **Boswell** to request additional title searches for two (2) properties, since the chain of title in the provided title searches did not go back far enough, in order to solve a boundary line discrepancy.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program**'s procedures for **Blue Acres Floodplain Acquisitions**.





State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

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***Project Name & Location:***

Community Development Block Grant Disaster Recovery,  
FEMA Hazard Mitigation Grant Program & NJDEP Green Acres  
Programs  
Township of Little Falls, Passaic County, New Jersey

***Client:***

Township of Little Falls

***Description of Services:***

In order for the Township of Little Falls to proceed with the acquisition of five (5) properties, **Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Passaic; and performed an analysis comparing record data to field locations.

To meet the initial property closing deadline, **Boswell** was able to research records, perform the field survey, perform the boundary analysis, submit a survey plat to **Green Acres** via email for review and prepare and hand deliver the final submittal within the seven (7) days allotted.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program**'s procedures for **Blue Acres Floodplain Acquisitions**.



State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

***Project Name & Location:***

Community Development Block Grant Disaster Recovery  
Program Property Acquisitions  
Borough of Hawthorne, Passaic County, New Jersey

***Client:***

Borough of Hawthorne

***Description of Services:***

Surveying for the acquisition of three (3) properties by the Borough of Hawthorne. **Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Passaic; and performed an analysis comparing record data to field locations.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program**'s procedures for **Blue Acres Floodplain Acquisitions**.



State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

***Project Name & Location:***

Flood Damaged Property Acquisition  
Borough of Westwood, Bergen County, New Jersey

***Client:***

Borough of Westwood

***Description of Services:***

**Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Bergen; and performed an analysis comparing record data to field locations.

The boundary surveys and all necessary deliverables were prepared in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program**'s procedures for **Blue Acres Floodplain Acquisitions**.

A total of six (6) properties have been surveyed to date. Three (3) of these properties were originally surveyed in 2012 and the three (3) remaining properties were surveyed later, one each in 2013, 2014 and 2016.



**Project Name & Location:** Ridge and Valley Greenway, Quarryville Brook Preserve  
Township of Wantage, Sussex County, New Jersey

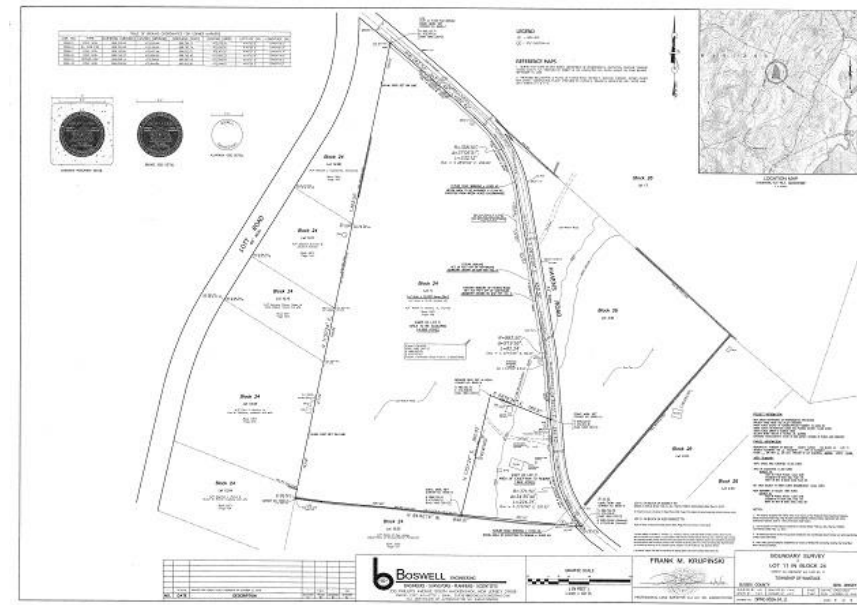
**Client:** State of New Jersey,  
Department of the Treasury,  
Division of Property Management & Construction  
Trenton, New Jersey

**Description of Services:**

Under the DPMC's Agency Consulting Program term contract, **Boswell** performed boundary surveys of two (2) lots for this **Green Acres** project. One property was a 6.5-acre entire acquisition and the other was a partial acquisition of a 16-acre property (shown below).

**Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Sussex and the Township Engineer; and performed an analysis comparing record data to field locations.

**Boswell** prepared the boundary surveys and all necessary deliverables in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program's** Scope of Survey Services and Standard Detail Requirements with respect to State Land Acquisitions.







**Project Name & Location:** Highlands Greenway, Bear Creek Preserve  
Township of Allamuchy, Warren County, New Jersey

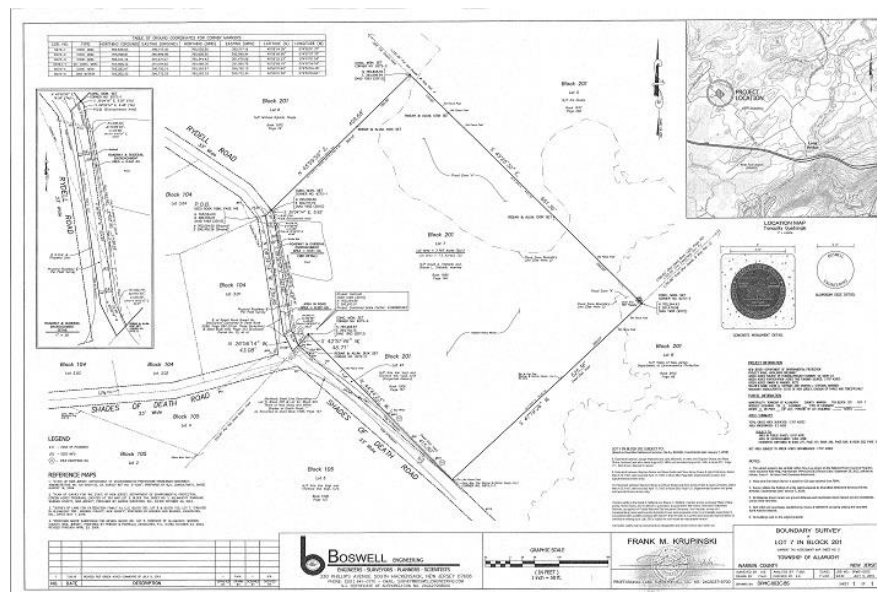
**Client:** State of New Jersey,  
Department of the Treasury,  
Division of Property Management & Construction  
Trenton, New Jersey

**Description of Services:**

Under the DPMC's Agency Consulting Program term contract, **Boswell** performed a boundary survey of a nearly 8-acre property for this **Green Acres** project.

**Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Warren; and performed an analysis comparing record data to field locations. The survey needed to be in harmony with three (3) other **Green Acres** surveys performed in the immediate vicinity, which created inherent difficulties.

**Boswell** prepared the boundary surveys and all necessary deliverables in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program's** Scope of Survey Services and Standard Detail Requirements with respect to State Land Acquisitions.





**Project Name & Location:**

Sourland Mountain Natural Area  
Township of West Amwell, Hunterdon County, New Jersey

**Client:**

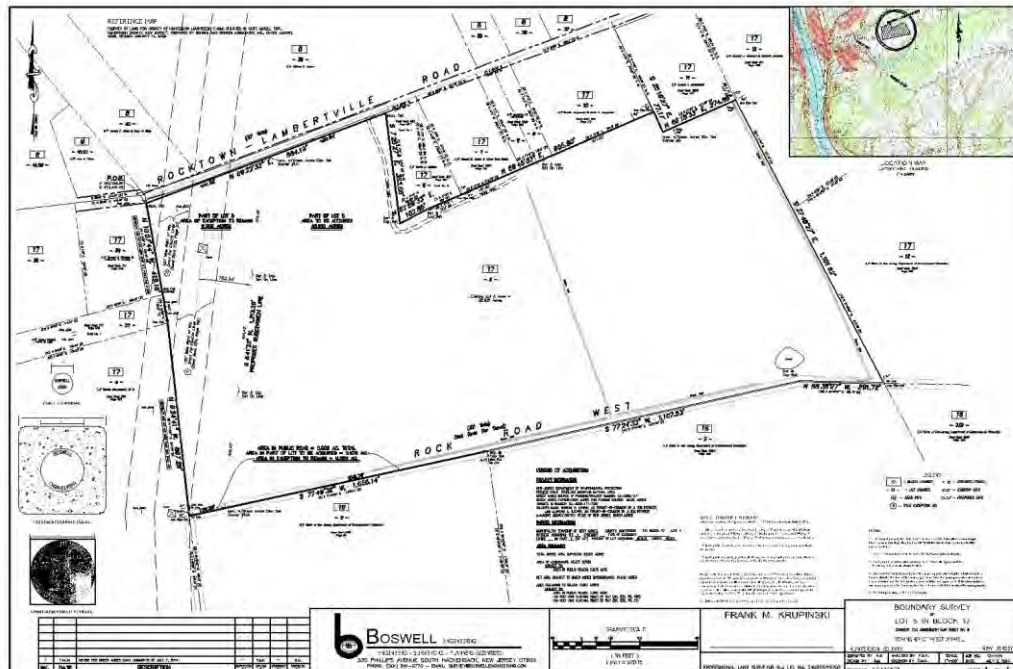
State of New Jersey,  
Department of Environmental Protection  
Trenton, New Jersey

**Description of Services:**

This survey of 53 acres originally started as a minor subdivision. Jersey Central Power & Light (JCP&L) was interested in purchasing 6.9 acres of the owners' property. Subsequently, the owners decided to sell a portion of the property to **Green Acres** and then sell the remaining unencumbered property to JCP&L.

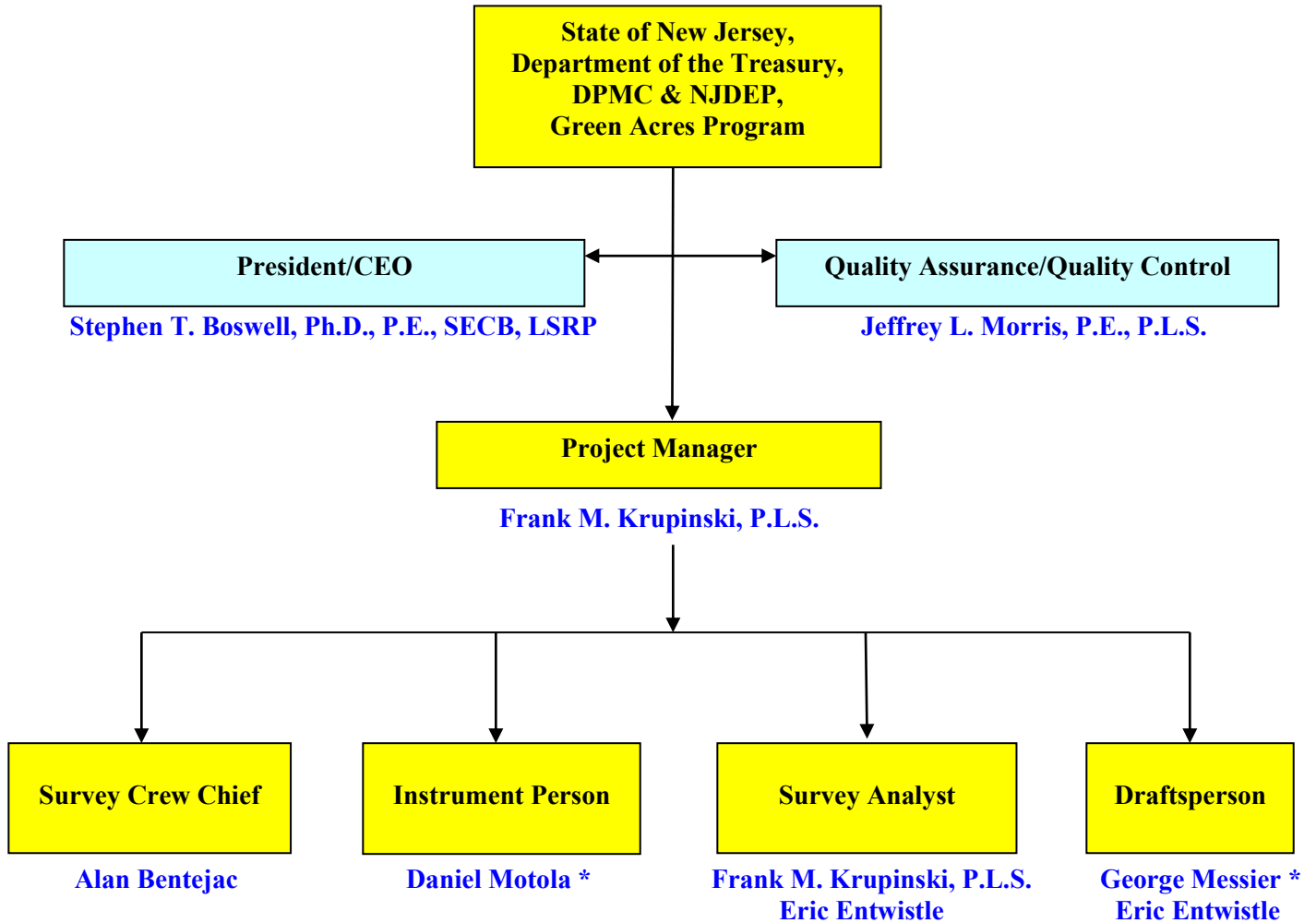
**Boswell** performed the necessary field surveying to locate property corners and other items which may indicate lines of possession; researched and plotted all deeds of record (including adjoining properties), maps on file with the County of Hunterdon; and performed an analysis comparing record data to field locations.

**Boswell** prepared the boundary surveys and all necessary deliverables in accordance with the State of New Jersey, Department of Environmental Protection, **Green Acres Program's** Scope of Survey Services and Standard Detail Requirements with respect to State Land Acquisitions.





## Section B: Organization Chart



\* - Key team member, but no resume provided



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## **Section C: Resumes**

Detailed resumes of Key Team Members as depicted on Organization Chart in Section B follow in this Section.

**YEARS OF EXPERIENCE:** 42 Years

**EDUCATION:**

B.A. Biology/Chemistry, New York University  
M.A. Biological Sciences, William Paterson University  
Degree of Civil Engineer (Double Master's Degree), Stevens Institute of Technology  
Ph.D. Environmental Engineering, Stevens Institute of Technology

**REGISTRATION:**

Professional Engineer - Arizona, Arkansas, California, Connecticut, Delaware, Georgia, Illinois, Iowa, Kansas, Kentucky, Maine, Maryland, Michigan, Minnesota, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Pennsylvania, South Carolina, Texas, Vermont, Virginia, West Virginia, and Wisconsin

Professional Planner - New Jersey

Certified Municipal Engineer - New Jersey

Structural Engineering Certification Board

NJDEP Licensed Site Remediation Professional (LSRP)

NICET - Certified, Highway Construction

NJDEP Certification - Entire Underground Tank System Installation and Closure, Tank Testing and Subsurface Evaluation

OSHA 40-Hour Hazardous Waste Site Operations

OSHA Certified in Construction Safety

Certified Public Works Manager

Qualified Environmental Professional

**GUBERNATORIAL APPOINTMENT:**

Dr. Boswell was appointed by the Governor of the State of New Jersey and confirmed by the State Senate to the New Jersey Council on Environmental Quality.

**SENATE PRESIDENT APPOINTMENT:**

Dr. Boswell was appointed by the New Jersey State Senate President to the Environmental Risk Assessment and Risk Management Study Commission.

**EXPERIENCE:**

Dr. Boswell is the President and CEO of Boswell Engineering, directing all phases of the business. Under his direction, the firm has provided the design and engineering for hundreds of environmental investigation and remediation projects throughout the State of New Jersey. He is also the appointed municipal, planning board, and zoning board of adjustment engineer for over 30 communities. As a recognized expert in his field, Dr. Boswell has served as an expert witness for numerous public and private entities in litigation, arbitration and mediation proceedings.

As the managing officer of Boswell Engineering, Dr. Boswell is ultimately responsible for the quality and timeliness of all projects performed by the firm.

Dr. Boswell has authored numerous Preliminary Assessment Reports (PAR), Site/Remedial Investigation Reports (SIR/RIR), Remedial Action Workplans (RAW), Remedial Action Reports (RAR), Environmental Assessments and Impact Statements (EA/EIS) and wetland reports and has been qualified as an expert by:

- The New Jersey Tax Court on wetlands delineation and developability of property.

## **STEPHEN T. BOSWELL, Ph.D., P.E., P.P., LSRP, SECB**

- The New Jersey Superior Court, including the Chancery Division, on septic system design, hydraulics, hydrology, slope stability for detention basins and detention basin design, stormwater management facilities' design, quarry operation and regulation, water treatment and air stripping, general civil engineering, municipal engineering, project engineering, site engineering and planning, transportation engineering, environmental engineering, environmental permitting, structural engineering, and construction supervision.
- The New York Superior Court, Brooklyn, New York, on structural engineering.
- The Broward County, Florida, Circuit Court on highway design and general civil engineering.

Dr. Boswell has dealt extensively with the SEQRA process in New York State and the ECRA/ISRA process in New Jersey.

Dr. Boswell's doctoral research proposes a novel method for removing volatile organic chemical contaminants and radon from groundwater. The research includes computer modeling of the contaminant removal, the liquid and gas phase pressure drops, and the economics of a full-scale system.

### **AWARDS:**

Bergen County Society of Professional Engineers, 1993 Engineer of the Year Award  
American Council of Engineering Companies of New Jersey, 1994 Member Recognition Award  
New Jersey Society of Municipal Engineers, 1995 Engineer of the Year Award  
New Jersey Society of Professional Engineers, 1995 Engineer of the Year Award  
American Society of Civil Engineers North Jersey Branch, 1995 Service to the People Award  
American Council of Engineering Companies, 1997 Community Service Award  
American Council of Engineering Companies of New Jersey, 2013 Lifetime Achievement Award  
American Society of Civil Engineers New Jersey Section, 2015 Excellence in Management Award

### **PUBLICATIONS:**

Boswell, P.E., Stephen T. (1991), "Membrane Air Stripping Utilizing a Plate and Frame Configuration," Ph.D. Dissertation, Stevens Institute of Technology, Hoboken, New Jersey.

Boswell, Ph.D., P.E., Stephen T. (2003), "Underwater Bridge Inspections - The Latest Technologies," Prepared for IBTTA's 2003 Maintenance Committee Fall Conference and International Crossings Committee Meeting Proceedings.

Boswell, Ph.D., P.E., Stephen T. (2012), "Conversion of the North Bergen Central Wastewater Treatment Plant to a Pumping Station and Force Main to Jersey City," Prepared for the New Jersey Water Environment Federation 2012 Annual Conference.

### **AFFILIATIONS:**

American Council of Engineering Companies - Fellow  
American Society of Civil Engineers - Fellow  
American Water Works Association  
Stevens Institute of Technology – Trustee, Center for Environmental Engineering, Vice Chairman of the Board  
American Council of Engineering Companies of New Jersey - Past President & Director  
New Jersey Alliance for Action - Member, Board of Directors  
New Jersey Society of Municipal Engineers - Past President, V.P., Secretary & Treasurer  
New Jersey Licensed Site Remediation Professionals Association  
New Jersey Water Environment Association  
North Jersey Water Conference  
Water Environment Federation



**YEARS OF EXPERIENCE:** 38 Years

**EDUCATION:**

B.S. Civil Engineering, Lehigh University

**REGISTRATION:**

Professional Engineer - New Jersey  
Professional Land Surveyor - New Jersey  
Professional Planner - New Jersey  
Certified Municipal Engineer - New Jersey

**EXPERIENCE:**

Mr. Morris has over 36-years of experience in civil and municipal engineering, land development and planning and construction oversight. He presently heads the firm's Land Development Division and is actively involved with all the aspects of site design and civil engineering involving residential, commercial, office complexes, institutional and educational facility projects. He has been accepted as an expert in the fields of engineering, land surveying and planning by Land Use Boards across the state as well as New Jersey Superior Court and Federal Tax Court. In addition, he is involved with all phases of municipal engineering. Mr. Morris has contributed his many talents to the design and construction of numerous public works projects, including roadways, drainage facilities, sanitary sewer systems, water distribution systems and recreation facilities.

A sampling of Mr. Morris' experience includes:

- ***NJ Transit \$400 Million Southern New Jersey Light Rail Transit System between Trenton and Camden, NJ.*** Mr. Morris' responsibilities included the park 'n ride site plan design. He was further responsible for survey activities, preparation of all parcel maps for property acquisition, oversight of environmental permit compliance and public relations.
- ***Northern Highlands Regional High School, Allendale, NJ.*** This project included site engineering associated with the construction of the science, cafeteria and locker room building additions. The project includes the expansion and construction of the east and wide sides parking area and driveways. He also designed the reconstruction of the existing football/soccer field within the campus.
- ***Pascack Valley Board of Education, Pascack Hills High School, Montvale, NJ.*** This project consists of the construction of approximately 16,000 square feet of building addition in the back of the existing gym of the Pascack Valley High School and a 44-stall parking lot in front of the existing school building along Grand Avenue West. The project included a site plan, boundary and topographic survey, drainage system, retaining walls and off-site road and intersection improvements. Additionally, he designed and reconstructed the athletic field and track, including new artificial turf.
- ***Fairleigh Dickinson University, New Resident Hall and Pedestrian Bridge, Teaneck/Hackensack Campus, Hackensack, NJ.*** Site engineering for a new residence hall on the Hackensack portion of its Teaneck/Hackensack Campus. This project consists of a 320-bed structure approximately 77,000 sq. ft. with a 28,000 to 30,000 sq. ft. footprint. The project included the reconfiguration of the remaining parking and utilities in the building's

## JEFFREY L. MORRIS, P.E., P.L.S., P.P.

- vicinity and the relocation of the Kotte Place cul-de-sac. This project further included the design of a 420-foot long pedestrian bridge over the Hackensack River.
- ***Stevens Institute of Technology, Castle Point Parking Facility, Hoboken, NJ.*** This project consists of an approximately four level, 725 parking space garage. This project included a site plan, boundary and topographic survey, road realignment, traffic study and mechanical and electrical design for the parking facility.
  - ***Closter Downtown Renaissance, Closter, NJ.*** Design of the reconstruction of the downtown area including sidewalks, curbs, lighting, traffic flow, parking and drainage funded by ISTEA Grant through the New Jersey Department of Transportation (NJDOT).
  - ***Wyckoff Community Park, Wyckoff, NJ.*** Design, preparation of contract documents, permit acquisition and construction supervision for an athletic facility which includes four (4) baseball fields, a soccer field, picnic area, refreshment stand and associated parking.
  - ***Cambridge Heights, Nutley, NJ.*** Design and permit acquisition for a 603-unit planned residential development including the design of roadways, stormwater management systems, sanitary sewer collection and pumping facilities, landscaping and grading.
  - ***Mediplex, Oradell, NJ.*** Design, permit acquisition and construction coordination for a 150-bed assisted care facility which included the design of a sanitary metering facility and utility crossing under New Jersey Transit rail facilities.
  - ***Bergen County Administration Building, Hackensack, NJ.*** This project consists of the development of a new 5-story County office building (approximately 263,500 SF) and a new 5-story parking structure (approximately 410,000 SF). The work involved site design, permit acquisition and construction coordination of this 6-acre site.
  - ***Wyckoff Family YMCA, Wyckoff, NJ.*** This project includes the design and construction administration of a 42,000-square-foot recreation and day-care facility and a 52,000-square-foot addition to the building. The final facility will contain a full size gymnasium and assembly room, two (2) regulation swimming pools as well as exercise rooms, day care and outdoor recreation and swimming areas.
  - ***Colonial Road School, Franklin Lakes, NJ.*** This project included the design permit acquisition and construction supervision for a 40,000-square-foot addition to an elementary school. The design included an on-site sewage disposal system, recreation fields, grading and parking areas.
  - ***Hackensack University Medical Center, Hackensack, NJ.*** Design of the 190,000-square-foot woman and children's pavilion including three (3) stories of parking, stormwater management, sanitary sewer, water and traffic designs.
  - ***Clifton Stadium, Clifton, NJ.*** Design of the reconstruction of the Clifton High School Athletic Stadium including new lights, eight lane track, artificial turf field, retaining walls and event areas.
  - ***Foley Field, Bloomfield, NJ.*** Design of a new athletic facility including the demolition of the entire existing stadium and the construction of a new artificial turf field, eight lane track, retaining walls, lights, scoreboard and pedestrian areas.

## AFFILIATIONS:

New Jersey Society of Professional Engineers  
New Jersey Society of Municipal Engineers  
Bergen County Society of Professional Engineers (Past President)  
New Jersey Society of Professional Land Surveyors  
National Society of Professional Land Surveyors

**YEARS OF EXPERIENCE:** 38 Years

**EDUCATION:**

New Jersey Institute of Technology

**REGISTRATION:**

Professional Land Surveyor - New Jersey 1992

**EXPERIENCE:**

Mr. Krupinski has provided surveying services for both the public and private sector and has been involved in every aspect of the firm's survey projects. He has performed and/or directed control, topographic, hydrographic, structural, cadastral, route, construction and railway surveys for federal, state, county and municipal agencies, as well as transportation authorities, utilizing state-of-the-art Global Navigation Satellite System (GNSS) equipment, including Real-Time Kinematic (RTK), total stations and data collectors. Mr. Krupinski is highly experienced in the discipline of boundary surveying, which includes record research, deed analysis and the establishment of property and right of way lines, as well as the preparation of complete right of way documents for various state departments of transportation. He has performed and/or directed numerous boundary surveys ranging from less than 5,000 square feet to 255 acres. He is also proficient in the use of CADD engineering/surveying software and is directly responsible for the processing of field data and the preparation of mapping.

His project experience includes:

- ***Boundary Surveys For Land Acquisitions, Manville, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for 68 properties being acquired by the State of New Jersey, Department of Treasury, **Division of Property Management and Construction** for this **Blue Acres** project.
- ***Boundary Surveys For Land Acquisitions, Pleasantville, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for 24 properties being acquired by the State of New Jersey, Department of Treasury, **Division of Property Management and Construction** for this **Blue Acres** project.
- ***Boundary Surveys For Land Acquisition, Ocean, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the 10 properties being acquired by the **Division of Property Management & Construction** for this **Blue Acres** project.
- ***Boundary Surveys For Land Acquisitions, Keansburg, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for 7 properties being acquired by the State of New Jersey, Department of Treasury, **Division of Property Management and Construction** for this **Blue Acres** project.
- ***Flood Damaged Property Acquisitions, Westwood, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the 6 properties being acquired by the Borough for this **Blue Acres** project.
- ***Surveys for CDBG Disaster Recovery Property Acquisitions, Hawthorne, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the 3 properties being acquired by the Borough for this **Blue Acres** project.

- ***Little Falls Blue Acres Acquisitions, Little Falls, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the 6 properties being acquired by the Township for this **Blue Acres** project.
- ***Highlands Greenway, Bear Creek Preserve, Allamuchy, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for a **Green Acres** acquisition of a 7.7-acre property.
- ***Ridge and Valley Greenway, Quarryville Brook Preserve, Wantage, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for a **Green Acres** acquisition of a 6.5-acre property and partial acquisition of a 16-acre property.
- ***Sourland Mountain Natural Area, West Amwell, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the partial **Green Acres** acquisition of this 56 acre property.
- ***Franklin Lakes Open Space Acquisition, Franklin Lakes, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the Borough's **Green Acres** acquisition of this 12-acre property.
- ***College Road, Wayne, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for the Township's **Green Acres** acquisition of this nearly 24-acre property.
- ***Open Space Plan Acquisitions (Victoria Square), Wayne, N.J.*** Performed record research, boundary analysis, mapping and preparation of deliverables for Passaic County's **Green Acres** acquisition of this 6.2-acre property.
- ***Jersey Central Power & Light (FirstEnergy) Martinsville Substation, Warren, N.J.*** Performed record research, boundary analysis, mapping and prepared all deliverables for three (3) areas totaling 3.6 acres to be diverted from a Township of Warren Conservation Easement and a 16.5-acre replacement parcel for both **Green Acres** and **State House Commission** approval.
- ***Bear Swamp Road Bridge Replacement, Mahwah, N.J.*** Performed record research and boundary analysis; prepared parcel mapping and exhibits for the **State Agricultural Development Committee** showing areas to be released from the Agricultural Easement.
- ***Bergen County Department of Planning and Economic Development, Camp Tamarack, Oakland, N.J.*** Performed record research and boundary analysis for this 181-acre tract. Prepared a Perimeter Survey and a later Boundary Survey for **Green Acres** acquisition.
- ***Westvale Park, Westwood, N.J.*** Supervised field survey and drafting, downloaded and processed all survey data for this over 35-acre municipal property. Also prepared boundary survey, legal descriptions and other deliverables for partial **Green Acres** acquisition.
- ***Valley Court and Gail Place Floodwall, Secaucus, N.J.*** Supervised field survey and drafting, downloaded and processed all survey data, including aerial mapping photo control, performed record research and boundary analysis for this over 37-acre boundary and topographic survey for the Town of Secaucus. This boundary survey required the establishment of boundary lines for 80 properties, calculation of mean high water and researching existing tidelands conveyances.
- ***Dundee Island Park, Passaic, N.J.*** Supervised field survey and drafting, downloaded and processed all survey data, performed record research, including tidelands conveyances, and boundary analysis for this over 7-acre boundary and topographic survey for the Trust For Public Land. This complex boundary survey required reestablishing a railroad centerline from ties referenced in an 1882 deed and the mean high-water line of a branch of the Passaic River no longer in existence.

**FRANK M. KRUPINSKI, P.L.S.**

- ***NJ Department of Human Services/NJ Division of Property Management & Construction, Greystone Park Psychiatric Hospital, Morris County, N.J.*** Prepared boundary surveys and metes & bounds descriptions for three parcels totaling 199 acres to be conveyed to the County of Morris.
- ***East Orange Water Commission, Millburn, N.J.*** Performed record research, field survey and boundary analysis for this ancient property which consisted of over 255 acres. A closed survey baseline loop of three and three quarters (3.75) miles was run and wetlands flagging was located throughout this heavily wooded and mainly undeveloped property. Record deeds for the property dated back to the early 1900s and the latest road mapping for a portion of the property dated back to 1916.
- ***ALTA/ACSM Land Title Survey, Piscataway, N.J.*** Performed record research and boundary analysis, and supervised field survey and mapping for the 115-acre Ericsson facility.
- ***Passaic Valley Sewerage Commission, Newark Bay Treatment Plant, Newark, N.J.*** Performed record research, boundary analysis for the determination of the boundary for the four tracts, containing 142 acres total, that comprise this complex, as well as CAD drafting.
- ***Bergen County Health Care Center, Rockleigh, N.J.*** Responsible for the determination of the boundary on this 50-acre tract. Since the deed of record did not close by 50 feet, it was imperative that all available mapping and adjoining property deeds be thoroughly researched. More than 20 maps were assembled from the County Clerk's Office, County Engineer's Office, the Borough of Rockleigh and other surveyors to aide in the resolution and establishment of the boundary.

**YEARS OF EXPERIENCE:** 27 Years

**EDUCATION:**

New Jersey Institute of Technology  
Plaza School of Technology

**EXPERIENCE:**

Mr. Entwistle is a graduate of the Plaza School of Technology and has studied at the New Jersey Institute of Technology. Eric has over 27-years of experience in the surveying and engineering field. Beginning his career as an instrument operator, he has advanced to party chief and now has moved into the office as a Survey Analyst. As a survey technician he has performed many boundary & topographic surveys ranging from small residential areas to large commercial properties. Other areas of work included construction layout and management for the New Jersey Turnpike Authority and landfill development for the New York City Department of Public Works. He has extensive experience with ALTA/NSPS surveys, cellular tower sites, urban and rural boundary surveys, municipal reconstruction projects, tax map preparation and commercial/residential construction sites. A representative list of project types includes.

His project experience includes:

- Performed boundary analysis and preparation of the boundary and topographic survey on this 45-acre property in Somerset County for the future Montgomery Municipal Complex.
- Performed deed plotting, boundary analysis and drafting for the 2,000 linear foot Wood Avenue Streetscape project in the City of Linden.
- Prepared the ALTA/ACSM Land Title Survey for the 115-acre Ericsson facility in Middlesex County.
- Drafted topographic survey of a 10-acre project at White Oak Ridge Pump Station for the East Orange Water Commission which included the tabulation of nearly 500 trees. Also prepared staked out for the proposed limit of disturbance.
- Performed the boundary analysis and drafting of the 2.5-acre Elysian Park in Hoboken.
- Existing Conditions survey, monitoring and construction management for the New Jersey Turnpike Authority.
- Construction management & survey layout for a commercial building in New York City.
- 600-acre Boundary & Topographic Survey for the Bergen County Planning department's improvements to State Highway Rt. 17.
- Construction management for US Army Corps of Engineers.
- 1,000-acre Boundary & Topographic Survey in Highpoint, New Jersey.
- A five (5) mile Boundary and Topographic Survey for proposed easement acquisitions for the Overpeck Valley Relief Sewer for the Bergen County Utilities Authority.
- 700-acre Boundary & Topographic Survey for the Bergen County Utilities Authority.
- 263-acre Boundary and Topographic Survey for the Bergen County Utilities Authority in Little Ferry, New Jersey.



**YEARS OF EXPERIENCE:** 45 Years

**EDUCATION:**

Global Navigation Satellite System (GNSS) Training  
OSHA – 10-Hour Construction Course  
Confined Space Entry Training  
OSHA 40-Hour Hazardous Waste Site Operations

**EXPERIENCE:**

Mr. Bentejac has over 45-years of survey experience, all with Boswell Engineering. A veritable specialist, Mr. Bentejac's surveys encompass virtually every type of project from property, highway and topographic work to reconnaissance, construction stakeouts and as-built surveys. In addition to his surveying expertise, Mr. Bentejac has proven his abilities in a supervisory capacity many times over through the years he has been with Boswell. He has been in charge of the scheduling, equipping and time management of field parties; obtaining all information pertinent to survey projects; maintaining field and office supplies; job pricing; and general instruction. Mr. Bentejac has been trained in Global Navigation Satellite System (GNSS) surveying, including Real-Time Kinematic (RTK) survey, and is capable of utilizing all types of electronic field and computer assisted surveying instruments and equipment.

- ***Boundary Surveys For Land Acquisition, Manville, N.J.*** Performed boundary field survey for 68 properties being acquired by the **Division of Property Management & Construction** for this **Blue Acres** project.
- ***Boundary Surveys For Land Acquisition, Pleasantville, N.J.*** Performed boundary field survey for 24 properties being acquired by the **Division of Property Management & Construction** for this **Blue Acres** project.
- ***Boundary Surveys For Land Acquisition, Ocean, N.J.*** Performed boundary field survey for 10 properties being acquired by the **Division of Property Management & Construction** for this **Blue Acres** project.
- ***Boundary Surveys For Land Acquisition, Keansburg, N.J.*** Performed boundary field survey for the 7 properties being acquired by the **Division of Property Management & Construction** for this **Blue Acres** project.
- ***Highlands Greenway, Bear Creek Preserve, Allamuchy, N.J.*** Performed boundary field survey and stakeout for this **Green Acres** acquisition of a 7.7-acre property.
- ***Ridge and Valley Greenway, Quarryville Brook Preserve, Wantage, N.J.*** Performed boundary field survey and stakeout for this **Green Acres** acquisition of a 6.5-acre property and partial acquisition of a 16-acre property.
- ***Land Donations, Black River Wildlife Management Area, Chester Township, N.J.*** Performed boundary field survey and stakeout for this **Green Acres** acquisition of this 5.5-acre property.
- ***Franklin Lakes Open Space Acquisition, Franklin Lakes, N.J.*** Performed boundary field survey and stakeout for this 12-acre **Green Acres** acquisition by the Borough.
- ***Flood Damaged Property Acquisitions, Westwood, N.J.*** Performed boundary field survey and stakeout for the 6 properties being acquired by the Borough for this **Blues Acres** project.
- ***Little Falls Blue Acres Acquisitions, Little Falls, N.J.*** Performed boundary field survey and stakeout for the 5 properties being acquired by the Township for this **Blues Acres** project.

- ***Surveys for CDBG Disaster Recovery Property Acquisitions, Hawthorne, N.J.*** Performed boundary field survey and stakeout for the 3 properties being acquired by the Borough for this **Blues Acres** project.
- ***Sourland Mountain Natural Area, West Amwell, N.J.*** Performed boundary field survey and stakeout for this 56-acre partial **Green Acres** acquisition.
- ***Oceanview 230 kV Transmission Line Reinforcement Project (FirstEnergy/JCP&L).*** Performed stakeout of proposed pole locations and limits of transmission line right of way for vegetation clearance/maintenance for this 16-mile-long project throughout Monmouth County.
- ***Passaic Valley Sewerage Commission, Wallington Pump Station, Wallington, N.J.*** Performed boundary field survey and property corner stakeout for this small yet extremely complex property.
- ***Dundee Island Park, Passaic, N.J.*** Performed boundary and topographic survey for this over 7-acre Trust for Public Land project.
- ***FirstEnergy/JCP&L Martinsville Substation, Warren, N.J.*** Performed boundary field survey for areas to be diverted from a Township of Warren Conservation Easement and for a 16.5-acre replacement parcel required for both **Green Acres** and **State House Commission** approval.
- ***Riverwalk Expansion (River Drive Improvements - Phase II), Garfield, N.J.*** Performed boundary survey and stakeout for the **Green Acres** acquisition of five (5) properties by the City.
- ***Passaic Valley Sewerage Commission, Newark, N.J.*** As party chief, performed stakeout of approximately 1,000 feet of an existing 135-inch diameter interceptor within McCarter Highway (Route 21) prior to pile driving for I-280 construction.
- ***East Orange Water Commission, White Oak Ridge Pump Station, Millburn, N.J.*** As party chief, performed a detailed topographic survey within this 10-acre project which included the location and identification of nearly 500 trees. Also staked out proposed limit of disturbance.
- ***Johnston Communications License to Cross Surveys, Woodbridge, N.J.*** Performed boundary field survey at Ford Avenue and Woodbridge Avenue over the New Jersey Turnpike and Main Street over the Garden State Parkway and New Jersey Turnpike in the Township of Woodbridge.
- ***Northeast Regional Council of Carpenters Apprentice Training Center, Edison, N.J.*** Performed boundary field survey, construction layout and as-built surveying for this over 7-acre property in Middlesex County.
- ***ALTA/ACSM Land Title Survey, Piscataway, N.J.*** Performed boundary field survey for the 115-acre Ericsson facility in Middlesex County.
- ***Wood Avenue Streetscape, Linden, N.J.*** Performed boundary and topographic field survey for 2,000 linear feet for this project for the City of Linden.
- ***Arch Properties, Carteret, N.J.*** Performed boundary field survey for this 107-acre property that required an ALTA/NSPS Land Title Survey, Tidelands Grant Application and Minor Subdivision.
- ***Harrison Avenue Water Main and Lead Service Replacement, Garfield, N.J.*** As party chief, performed a detailed 2,700 linear foot topographic survey.
- ***Elysian Park, Hoboken, N.J.*** As party chief, performed boundary and topographic field survey and property corner stakeout for of this 2.5-acre park.
- ***Park Avenue, Hoboken, N.J.*** As party chief, performed the boundary and topographic survey for this 1,100 linear foot project between 15<sup>th</sup> Street and Harbor Boulevard.

**YEARS OF EXPERIENCE:** 34 Years

**EDUCATION:**

OSHA – 10-Hour Construction Course  
Confined Space Entry Training

**EXPERIENCE:**

Mr. Roberts has more than 34 years of survey experience. Mr. Roberts' surveys encompass virtually every type of project from property, highway and topographic work to reconnaissance, construction stakeouts and as-built surveys. In addition to his surveying expertise, Mr. Roberts has proven his abilities in a supervisory capacity in the more than 34 years he has been with Boswell. He has been in charge of the scheduling, equipping and time management of field parties, obtaining all information pertinent to survey projects, maintaining field and office supplies, job pricing and general instruction. Mr. Roberts is capable of utilizing all types of electronic field and computer assisted surveying instruments and equipment. His relevant Port Authority experience includes:

- ***Open Space Plan Acquisitions (Victoria Square), Wayne, N.J.*** Performed boundary field survey and stakeout for this over 6-acre **Green Acres** acquisition by the County of Passaic.
- ***Proposed Municipal Complex, Montgomery, N.J.*** Performed boundary and topographic field survey for this 45-acre property in Somerset County.
- ***Land Surveying Services on a “Call-In” Basis for the Port Authority of New York and New Jersey (PANY&NJ).*** These projects included all types of topographic/boundary surveys at various Authority facilities (i.e. John F. Kennedy International Airport, Newark Liberty International Airport and LaGuardia Airport).
- ***Teterboro Airport.*** As-built surveys of the runways, taxiways, storm drainage and sanitary sewers at Teterboro Airport. Also included were the roadways adjacent to Teterboro Airport.
- ***Newark International Airport.*** As-built surveys of the monorail, access roads to the monorail from the parking lots and South Brewster Road. In addition, the surveying services under this assignment include locating all utilities above and below ground along the roadways and parking lots, overhead wires, storm drainage and sanitary drainage.
- ***Underground Utility Locating Services for the PANY&NJ.*** Established horizontal and vertical control. Located utility mark-outs and utility structures utilizing a total station with on-board data collection. Measure inverts and pipe sizes for Structure Inventory Data sheets.
- ***PANY&NJ, Howland Hook, Staten Island, NY.*** This project consisted of utility location at the Goethals Bridge and Howland Hook; and GPS Data & Control. Established horizontal and vertical control. Located utility mark-outs and utility structures utilizing a total station with on-board data collection.
- ***Passaic Valley Sewerage Commission, Passaic Pump Station, Passaic, N.J.*** Performed boundary and topographic field survey and stakeout this small, ancient and complex property.
- ***Passaic Valley Sewerage Commission, Newark Bay Treatment Facility, Newark, N.J.*** As party chief, performed boundary field survey and various topographic surveys for this 142-acre complex.

- ***Passaic Valley Sewerage Commission, Mill Street Pump Station, Newark & Bellville, N.J.*** As party chief, performed boundary field survey and stakeout, and topographic survey for this facility.
- ***East Orange Water Commission, Lot 1, Block 5403, Millburn, N.J.*** As party chief, performed boundary survey and wetlands flag locations for this 255-acre ancient property.
- ***2019 Sanitary Sewer Improvements, Oakland, N.J.*** As party chief, performed topographic surveying for this 3.3-mile-long project and performed boundary surveys for three sanitary treatment plants to be decommissioned.
- ***SUEZ Water Treatment Plant, Haworth, N.J.*** As party chief, performed topographic surveys on numerous areas of the facility for a proposed building expansion and several other site improvement projects.
- ***Lower Main Pump Station Upgrades, Fort Lee, N.J.*** As party chief, performed topographic survey of 7,000 linear feet of roadway for proposed force main design.
- ***Observer Highway Improvements, Hoboken, N.J.*** As party chief, was responsible for the topographic survey of this nearly 2,800 linear foot long project.



State of New Jersey

Department of the Treasury



*DPMC Project No. P1239-00*

*Boundary Surveys for Land Acquisition*

*Townships of Southampton & Pemberton, N.J.*

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## **Section D: Key Team Members Project Experience Data Sheets**

Key Team Members Project Experience Data Sheets follow in this Section.

## KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME FRANK M. KRUPINSKI, P.L.S.

TITLE DIRECTOR OF SURVEYING

FIRM BOSWELL ENGINEERING

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Boundary Survey For Land Acquisition (68 Properties), Borough of Manville \$166,600 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req.	Project Manager/Survey Analyst/CADD Person	9	35%	11/2019 - 7/2020	DPMC, [REDACTED]
Boundary Survey For Land Acquisition (25 Properties), City of Pleasantville \$60,442 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req.	Project Manager/Survey Analyst/CADD Person	3	41%	1/2019 - 2/2019; 4/2021	DPMC, [REDACTED]
Boundary Survey For Land Acquisition (7 Properties), Borough of Keansburg \$14,743 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req.	Project Manager/Survey Analyst/CADD Person	3	43%	10/2018 - 12/2018	DPMC, [REDACTED]
Boundary Survey For Land Acquisition (10 Properties), Township of Ocean \$24,287 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req.	Project Manager/Survey Analyst/CADD Person	2	38%	9/2016 - 10/2016	DPMC, [REDACTED]
Sourland Mountain Natural Area (Partial Acquisition), Township of West Amwell \$27,100 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req.	Project Manager/Survey Analyst/CADD Person	9	32%	11/2013 - 7/2014	FirstEnergy (J.C.P. & L.), [REDACTED]
Franklin Lakes Open Space Acquisition, Borough of Franklin Lakes \$17,900 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req.	Project Manager/Survey Analyst/CADD Person	2	23%	8/2017 - 9/2017	Borough of Franklin Lakes, [REDACTED]
Little Falls Blue Acres Acquisition (6 Properties), Township of Little Falls \$16,400 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Blue Acres Req.	Project Manager/Survey Analyst/CADD Person	4	50%	10/2015 - 12/2015; 9/2016	Township of Little Falls, [REDACTED]
CDBG Disaster Recovery Surveys (3 Properties), Borough of Hawthorne \$6,095 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Blue Acres Req.	Project Manager/Survey Analyst/CADD Person	2	45%	1/2015 - 2/2015	Borough of Hawthorne, [REDACTED]



## KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME FRANK M. KRUPINSKI, P.L.S.

TITLE DIRECTOR OF SURVEYING

FIRM BOSWELL ENGINEERING

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Flood Damaged Properties Acquisition (6 Properties), Borough of Westwood \$14,025 (Fee)	<b>Boswell Engineering</b>	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Blue Acres Req.	Project Manager/Survey Analyst/CADD Person	6	38%	10/2012 - 12/2012; 3/2013; 5/2014; 4/2016	Borough of Westwood, [REDACTED]

## KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME ALAN BENTEJAC

TITLE SURVEY CREW CHIEF

FIRM BOSWELL ENGINEERING

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Boundary Survey For Land Acquisition (68 Properties), Borough of Manville \$166,600 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	9	26%	11/2019 - 7/2020	DPMC, [REDACTED]
Boundary Survey For Land Acquisition (25 Properties), City of Pleasantville \$60,442 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	3	27%	1/2019 - 2/2019; 4/2021	DPMC, [REDACTED]
Boundary Survey For Land Acquisition (7 Properties), Borough of Keansburg \$14,743 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	3	27%	10/2018 - 12/2018	DPMC, [REDACTED]
Boundary Survey For Land Acquisition (10 Properties), Township of Ocean \$24,287 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	2	29%	9/2016 - 10/2016	DPMC, [REDACTED]
CDBG Disaster Recovery Surveys (3 Properties), Borough of Hawthorne \$6,095 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	2	27%	1/2015 - 2/2015	Borough of Hawthorne, [REDACTED]
Flood Damaged Properties Acquisition (6 Properties), Borough of Westwood \$14,025 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	6	24%	10/2012 - 12/2012; 3/2013; 5/2014; 4/2016	Borough of Westwood, [REDACTED]
Franklin Lakes Open Space Acquisition, Borough of Franklin Lakes \$17,900 (Fee)	Boswell Engineering	Boundary Survey; Topographic Survey; Set Monuments	Survey Crew Chief	2	36%	8/2017 - 9/2017	Borough of Franklin Lakes, [REDACTED] 201.891.4000
Brook's Farm Plan Acquisition (4 Properties), Borough of Closter \$24,470 (Fee)	Boswell Engineering	Boundary Survey; Topographic Survey; Set Monuments	Survey Crew Chief	10	36%	1/2006 - 5/2006; 10/2006 - 12/2006; 3/2011 - 4/2011	Borough of Closter, Richard [REDACTED]

## KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME ALAN BENTEJAC

TITLE SURVEY CREW CHIEF

FIRM BOSWELL ENGINEERING

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Little Falls Blue Acres Acquisition (6 Properties), Township of Little Falls \$16,400 (Fee)	<b>Boswell Engineering</b>	Boundary Survey; Set Monuments	Survey Crew Chief	4	25%	10/2015 - 12/2015; 9/2016	Township of Little Falls, [REDACTED]

# KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME ERIC ENTWISTLE

TITLE SURVEY ANALYST

FIRM BOSWELL ENGINEERING

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Boundary Survey of P.V.S.C. Mill Street Pump Station, City of Newark \$7,250 (Fee)	Boswell Engineering	Boundary & Topographic Survey	Survey Analyst/CADD Person	4	40%	1/2015 - 4/2015	Passaic Valley Sewerage Commission, [REDACTED]
Boundary Survey of P.V.S.C. Wallington Pump Station, Borough of Wallington \$8,600 (Fee)	Boswell Engineering	Boundary & Topographic Survey	Survey Analyst/CADD Person	4	40%	1/2015 - 4/2015	Passaic Valley Sewerage Commission, [REDACTED]
Topo. Survey & L.O.D. Stakeout, White Oak Ridge Pumping Sta., Township of Millburn \$31,150 (Fee)	Boswell Engineering	Topographic Survey, Preparation of Stakeout	Survey Analyst/CADD Person	4	40%	9/2013 - 11/2013; 7/2014	Hazen & Sawyer, Oliver Tsai [REDACTED]
Boundary & Topographic Survey of Elysian Park, City of Hoboken \$9,650 (Fee)	Boswell Engineering	Boundary & Topographic Survey	Survey Analyst/CADD Person	1	40%	1/2013	City of Hoboken, [REDACTED]
ALTA/ACSM Land Title Survey Lot 6.01, Block 6201 & Lot 2.01, Block 7401, Piscataway \$19,250 (Fee)	Boswell Engineering	Boundary & Topographic Survey	Survey Analyst/CADD Person	1	40%	3/2014	Ericsson, [REDACTED]
ALTA/ACSM Land Title Survey Lots 6, 7, 8, 9 & 10, Block 96, Borough of Maywood \$16,300 (Fee)	Boswell Engineering	Boundary & Topographic Survey	Survey Analyst/CADD Person	2	40%	11/2013 - 12/2013	DLC Management Corp., [REDACTED]
Boundary & Topographic Survey, Lot 3, Block 308.01, City of Hackensack \$12,775 (Fee)	Boswell Engineering	Boundary & Topographic Survey; Tidelands Grant	Survey Analyst/CADD Person	2	40%	8/2013; 10/2014	City of Hackensack., [REDACTED]

## KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME RICHARD ROBERTS

TITLE SURVEY CREW CHIEF

FIRM BOSWELL ENGINEERING

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT ( IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Open Space Plan Acquisitions, (Victoria Square), Township of Wayne \$13,000 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	2	40%	7/2018 - 8/2018	County of Passaic [REDACTED]
Survey of P.V.S.C. Passaic Pump Station, City of Passaic \$8,650 (Fee)	Boswell Engineering	Boundary & Topographic Survey; Set Property Corners	Survey Crew Chief	2	34%	5/2018 - 6/2018	Passaic Valley Sewerage Commission, [REDACTED]
On-Call Surveying Services, Various Facilities \$3,479,162 (Fee)	Boswell Engineering	Topographic Surveys, As- Built Surveys, Monitoring Well Surveys	Instrument Person / Survey Crew Chief	115	33%	8/2000 - 2/2010	Port Authority of New York & New Jersey, [REDACTED]
Hydrographic Survey and Support, Statewide \$5,000,000 (Fee)	Boswell Engineering	Topographic Surveys & Transects (Cross Sections)	Survey Crew Chief	4	34%	4/2015 - 6/2015; 10/2016	NJDOT Office of Marine Resources, [REDACTED]
Boundary Survey of P.V.S.C. Newark Bay Treatment Plant, City of Newark \$44,250 (Fee)	Boswell Engineering	Boundary Survey; Set Monuments	Survey Crew Chief	4	25%	12/2014 - 3/2015	Passaic Valley Sewerage Commission, [REDACTED]
Oceanview 230kV Reinforcement Project, Monmouth County \$400,000 (Fee)	Boswell Engineering	Monopole Stakeout; R.O.W. Stakeout For Vegetation Clearing/Maintenance	Survey Crew Chief	4	20%	2/2016 - 5/2016	FirstEnergy (J.C.P.& L.), [REDACTED]



State of New Jersey

Department of the Treasury



***DPMC Project No. P1239-00***

***Boundary Surveys for Land Acquisition***

***Townships of Southampton & Pemberton, N.J.***

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## **Section E: Project Key Personnel List**

Project Key Personnel List follows in this Section.



FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT	
		SURVEY SERVICES	HOURLY WAGE LEVEL 1-7
BOSWELL ENGINEERING	FRANK M. KRUPINSKI, P.L.S., DIRECTOR OF SURVEYING	17%	6
BOSWELL ENGINEERING	ERIC ENTWISTLE, SURVEY ANALYST	8%	4
BOSWELL ENGINEERING	ALAN BENTEJAC, SURVEY CREW CHIEF	29.5%	3
BOSWELL ENGINEERING	GEORGE MESSIER, DRAFTSPERSON	16%	2
BOSWELL ENGINEERING	DANIEL MOTOLA, SURVEY INSTRUMENT PERSON	29.5%	1

INSERT THE WAGE LEVEL FROM 1 TO 7 OF EACH KEY PERSON. **DO NOT** INSERT ANY HOURLY RATE



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## **Section F: Project Approach**

**Boswell**, upon notice to proceed, will immediately begin work by performing record research and preparing the owner notification of entry letters. **Boswell** will contact the New Jersey Department of Transportation to obtain alignment mapping for U.S. Route 206 and the Burlington County Engineer's Office to obtain alignment mapping for Mill Street (C.R. 616) and Main Street (C.R. 681). The County of Burlington's Public Records Electronic Search System will be used to acquire deeds for properties that adjoin the subject lots. Adjoining deeds are important in that they aid to identify and perhaps resolve or clarify potential boundary conflicts and they may also provide additional useful information in the form of corner calls and/or filed map and survey references. **Boswell** will employ a searcher to acquire any deeds unavailable through the online search system. After a review of the deeds, we will acquire any filed maps referenced therein from the County online search system, and will attempt to obtain copies of any surveys that also may be referenced in said deeds. Following a review of all records, including the title reports to be provided, any calls for property corners contained within this information will be supplied to our survey field crew for their boundary survey portion of the field work. All the above work will be performed prior to and during the establishment of our survey baselines for the project.

Since there are distinct project areas for these acquisitions, **Boswell's** field personnel will establish three (3) closed loop survey baselines for this project. The closed loops will be adjusted in the office by the Least Squares Method. Utilizing our Global Navigation Satellite System (GNSS)/Real-Time Kinematic (RTK) survey equipment, **Boswell** will perform observations on a minimum of three (3) points on each loop. The resultant NAD1983 coordinates will be obtained utilizing the HxGN SmartNet network and processed by Leica's Infinity software.

The observations of our GNSS/RTK points will be performed on two different days to utilize different satellite geometry in order to validate the accuracy of our results. As part of the GNSS/RTK survey, checks will also be made to published National Geodetic Survey (NGS) control points near the project to further verify our resultant GNSS/RTK values. As specified in **Chapter 2** of the **NJDOT Survey Manual**, average combined scale factors (or Project Adjustment Factor) of the resultant GNSS/RTK points will be computed at each project area and this scale factor will be applied to the GNSS/RTK points thereby obtaining New Jersey State Plane Ground Coordinates. After an analysis has been performed, each of the closed and adjusted survey loops will be rotated into the Ground Coordinate system. Ground coordinates allow for easier boundary analysis since field distances will agree with all information contained in recorded documents (filed maps, deeds, etc).

With the information and data provided to them by our office personnel, **Boswell's** survey team will then perform the boundary surveying task of the project. This will be accomplished by searching for and locating all boundary markers, fences, walls, and any other items which may indicate lines of possession. Once completed, this information will be downloaded and processed and a boundary analysis performed. At this point, if any encroachments are identified or boundary conflicts encountered, **Boswell** will immediately notify the Team Members of the **DPMC** and **NJDEP, Green Acres** so that a reasonable solution to the situation can be arrived at.



State of New Jersey

Department of the Treasury



**DPMC Project No. P1239-00**

**Boundary Surveys for Land Acquisition**

**Townships of Southampton & Pemberton, N.J.**

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While the boundary analysis is being performed, **Boswell's** survey team will continue the surveying of the individual lots by completing the perimeter surveys, adequately locating and noting the improvements well within the boundaries of the premises, taking photographs of the presently vacant lots and locating any improvements on all adjoining properties near the boundary lines of the properties being acquired.

Our initial investigation has indicated that legal descriptions for roughly two-thirds of the properties bounded by water courses call to the center line of the creek or race. This will require approximately 4,900 linear feet of surveying along Rancocas Creek, the South Branch of Rancocas Creek and Mill Race to locate both top of banks.

All survey work will be performed in accordance with the **NJDEP, Green Acres Program Scope of Survey Services and Standard Detail Requirements**, dated July 1, 2020.

The survey location files will be downloaded and processed and the final individual Lot surveys will be prepared at this time. All mapping, legal descriptions, and other required deliverables will be prepared as outlined in the **NJDEP, Green Acres Program Scope of Survey Services and Standard Detail Requirements**, dated July 1, 2020, and/or as specifically outlined in the **Project Specific Survey Requirements** contained in the **Scope of Work for Project No. P1239-00**.

The concrete corner markers and other permanent markers will be set after all demolition work is completed at the locations to be determined by the DPMC and/or Green Acres Project manager. The Project Composite Location Plan will be finalized once all monumentation has been set.



## **Section G: Project Schedule**

Assuming all title reports have been received from the State, **Boswell** will commence with the project immediately after the kick-off meeting. Multiple tasks (entry notification letter preparation, record research, map and deed plotting) can be performed simultaneously during the early stages which will allow us to meet the project deadline of 90 working days. **Boswell** anticipates 3 preliminary review submissions, consisting of approximately 16 properties per submittal, the first being within thirty (30) working days from the kick-off meeting.

All property owner and adjoining owner notifications will be prepared and mailed out prior to the project kick-off meeting. The DPMC Project Manager and the Green Acres Project Manager will receive copies of the notification letters at the kick-off meeting or shortly thereafter via email. The New Jersey State Police Red Lion Station and the Pemberton Township Police Department will receive copies of the owner notification letters via email. Because the initial surveying (survey baseline, GNSS/RTK surveying and some boundary surveying) does not require entry onto private property, there are approximately 9 days for the residents to receive and read the notices and, should they have any questions or concerns, contact **Boswell's** Project Manager for more information prior to our field crew entering onto their property.

The field survey portion of the project, excepting the monumentation portion, will be performed continuously to completion, which benefits both the client and consultant. Repeated stopping and restarting on projects inhibits continuity and ultimately bogs down the office work.

We estimate drafting two (2) surveys each day at a minimum. While the individual lot surveys are being drafted, **Boswell's** Project Manager will be preparing the legal descriptions, Surveyor's Certification and Summary Forms reviewing title reports. The Project Composite Location Plan required for this project will be compiled and drafted upon completion of the boundary analysis task. **Boswell's Surveying Division** has the benefit of additional staff capable of drafting, should the need arise. Parcel Closure Reports and DXF files will be prepared during the final submittal stages of the project.

The bar chart on the following page reflects our schedule which includes substantial time for the review of the preliminary submissions. Should repeated periods of inclement weather begin to pose a problem in the early stages of the project, **Boswell's Surveying Division** has the luxury of being able to assign an additional field crew to the individual lot surveying task.

Weekly progress reports will be submitted via email to both the DPMC and Green Acres project managers with estimated completion percentages of the field tasks, office tasks and overall project.

***Project Schedule***  
***Boundary Survey For Land Acquisition***  
***DPMC Project No. P1239-00***  
***Townships of Southamptton & Pemberton, Burlington County, New Jersey***

[illegible]



State of New Jersey

Department of the Treasury



***DPMC Project No. P1239-00***

***Boundary Surveys for Land Acquisition***

***Townships of Southampton & Pemberton, N.J.***

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## **Section H: Certificate of Employee Information Report**

Certificate of Employee Information Report follows in this Section.





PHILIP D. MURPHY  
Governor

SHEILA Y. OLIVER  
Lt. Governor

## State of New Jersey

DEPARTMENT OF THE TREASURY  
DIVISION OF PURCHASE AND PROPERTY  
CONTRACT COMPLIANCE & AUDIT UNIT  
EEO MONITORING PROGRAM  
33 WEST STATE STREET  
P. O. BOX 206  
TRENTON, NEW JERSEY 08625-0206

ELIZABETH MAHER MUOIO  
State Treasurer

MAURICE A. GRIFFIN  
Acting Director

APR 29 2019

### ISSUANCE CERTIFICATE OF EMPLOYEE INFORMATION REPORT

Enclosed is your Certificate of Employee information Report (hereinafter referred to as the "Certificate" and issued based on the Employee Information Report (AA-302) form completed by a representative of your company or firm. Immediately upon receipt, this certificate should be forwarded to the person in your company or firm responsible for ensuring equal employment opportunity and/or overseeing the company or firm's contracts with public agencies. Typically, this person may be your company or firm's Human Resources Manager, Equal Employment Opportunity Officer or Contract Administrator. If you do not know to whom the certificate should be forward, kindly forward it to the head of your company or firm. Copies of the certificate should also be distributed to all facilities of your company or firm who engage in bidding on public contracts in New Jersey and who use the same federal identification number and company name. The certificate should be retained in your records until the date it expires. This is very important since a request for a duplicate/replacement certificate will result in a \$75.00 fee.

On future successful bids on public contracts, your company or firm must present a photocopy of the certificate to the public agency awarding the contract after notification of the award but prior to execution of a goods and services or professional services contract. Failure to present the certificate within the time limits prescribed may result in the awarded contract being rescinded in accordance with N.J.A.C. 17:27-4.3b.

Please be advised that this certificate has been approved only for the time periods stated on the certificate. As early as ninety (90) days prior to its expiration, the Division will forward a renewal notification. Upon the Division's receipt of a properly completed renewal application and \$150.00 application fee, it will issue a renewal certificate. In addition, representatives from the Division may conduct periodic visits and/or request additional information to monitor and evaluate the continued equal employment opportunity compliance of your company or firm. Moreover, the Division may provide your company or firm with technical assistance, as required. Please be sure to notify the Division immediately if your company's federal identification number, name or address changes.

If you have any questions, please call (609) 292-5473 and a representative will be available to assist you.

Rev. 4/18

Certification 1502

### CERTIFICATE OF EMPLOYEE INFORMATION REPORT RENEWAL

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of 15-JUN-2019 to 15-JUN-2022

BOSWELL ENGINEERING, INC.  
330 SOUTH HACKENSACK  
S. HACKENSACK NJ 07606



*Elizabeth Maher Muoio*  
ELIZABETH MAHER MUOIO  
State Treasurer





State of New Jersey

Department of the Treasury



***DPMC Project No. P1239-00***

***Boundary Surveys for Land Acquisition***

***Townships of Southampton & Pemberton, N.J.***

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## **Section I: Certification of Public Law 2005, Chapter 92**

Certification of Public Law 2005, Chapter 92 follows in this Section.

## Public Law 2005, Chapter 92

Formerly: Executive Order 129

### SOURCE DISCLOSURE CERTIFICATION FORM

Bidder: Boswell Engineering, Inc.

I hereby certify and say:

I have personal knowledge of the facts set forth herein and am authorized to make this Certification on behalf of the Bidder.

The Bidder submits this Certification as part of a bid proposal in response to the referenced solicitation issued by the State of New Jersey, Department of Treasury, Division of Property Management and Construction (DPMC), in accordance with the requirements of Public Law 2005, Chapter 92, (N.J.S.A. 52:34-13.2 et seq., superseding Executive Order 129 (2004)).

The following is a list of every location where services will be performed by the bidder and all subcontractors.

<u>Bidder or Subcontractor</u>	<u>Description of Services</u>	<u>Performance Location(s) by Country</u>
Boswell Engineering, Inc.	Boundary Surveys for Land Acquisition - Various Parcels Southampton & Pemberton Twps., Burlington County, NJ	330 Phillips Avenue, South Hackensack, NJ 07606, USA

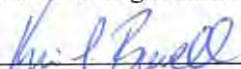
Any changes to the information set forth in this Certification during the term of any contract awarded under the referenced Project Number will be immediately reported by the Bidder to the Contract Compliance Unit in the DPMC, Department of Treasury, State of New Jersey, PO Box 034, Trenton, NJ 08625.

I understand that, after award of a contract to the Bidder, it is determined that the Bidder has shifted services declared above to be provided within the United States to sources outside the United States, prior to a written determination by the Director, Division of Property Management and Construction, that extraordinary circumstances require the shift of services or that the failure to shift the services would result in economic hardship to the State of New Jersey, the Bidder shall be deemed in breach of contract, which contract will be subject to termination for cause under its contract with DPMC.

I further understand that this Certification is submitted on behalf of the Bidder in order to induce DPMC to accept a bid proposal, with knowledge that the State of New Jersey and DPMC are relying upon the truth of the statements contained herein.

I certify that, to the best of my knowledge and belief, the foregoing statements by me are true. I am aware that if any of the statements are willfully false, I am subject to punishment.

Bidder: Boswell Engineering, Inc.  
[Name of Organization or Entity]

By: 

Title: Vice President

Print Name: Kevin J. Boswell, P.E.

Date: April 28, 2021