

Final/Accepted
Fee Proposal

**PROFESSIONAL SERVICES FEE PROPOSAL
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION**

THIS FEE PROPOSAL TO BE RETURNED
IN A SEPARATELY SEALED ENVELOPE TO:

**Division of Property Management & Construction
33 WEST STATE ST 9TH FLOOR, PLAN ROOM
P.O. Box 034
Trenton, NJ 08625-0034
Attention: SHAWN TAYLOR**

DATE: August 30, 2016
PROJECT NO.: P1143-00

TREASURY DPMC
PROCUREMENT

2016 SEP 15 A 11:14

RECEIVED

THIS PROPOSAL DUE DATE, NO LATER THAN 2:00 PM, Tuesday, August 30, 2016

FIRM NAME BOSWELL ENGINEERING

THE UNDERSIGNED PROPOSES TO PROVIDE ALL PROFESSIONAL SERVICES AS STATED
IN THE REQUEST FOR PROPOSAL AND SCOPE OF WORK

CONSULTANT SURVEY SERVICES	\$ <u>\$19,659.50</u>
SUB CONSULTANT SURVEY SERVICES	\$ <u>N/A</u>
TOTAL LUMP SUM FEE FOR SURVEY SERVICES	\$ <u>\$19,659.50</u>
CORNER MARKER SETTING ALLOWANCE	\$ <u>\$4,627.50</u>
TOTAL CONTRACT AMOUNT	\$ <u>\$24,287.00</u>

FOR 60 DAYS AFTER THE DUE DATE.

Signature and Title of Principle or Individual of the firm authorized to sign contractual documents:

Signature of the consultant below attests that the Consultant has read, understands and agrees to all terms, conditions and specifications set forth in the Request for Proposal (RFP) and Consultant Proposal Package.

Signature:  Print Name: Stephen T. Boswell, Ph.D., P.E., LSRP, SECB

Title: President Date: September 15, 2016

Witness Signature:  Print Name: John E. Cassetta

ATTACH PROOF OF REQUIRED INSURANCE COVERAGE

See attached requirements per "General Conditions to Consultant Agreement" Section 27, pp. 18-19
PROFESSIONAL LIABILITY INSURANCE
(\$100,000 MIN LIMIT/\$25,000 MAX DEDUCTIBLE)

**PROFESSIONAL SERVICES FEE PROPOSAL
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION**

CORNER MARKER SETTING ALLOWANCE (UNIT PRICE BREAKDOWN)

FIRM NAME BOSWELL ENGINEERING

PROJECT NO.: P1143-00

UNIT PRICE (CONCRETE MONUMENT)

\$ 268.00

UNIT PRICE (BAR & CAP OR OTHER PERMANENT MARKER)

\$ 40.50

(15 MONS @ \$268/PER + 15 PERMANENT MARKERS @ \$40.50/PER) =

\$ 4,627.50

TOTAL

CONSULTANT TASK/LABOR/FEE SHEET
A/E: BOSWELL ENGINEERING

Project # P1143-00

Project Name: Boundary Surveys for Land Acquisition, Various Parcels

Project Location: Township of Ocean, Monmouth County, NJ

PROJECT PHASE OR TASK	CONSULTANTS LEVEL OF EFFORT IN HOURS/FEE								REPROD. COST PER PHASE INCLUD. SUB CONSULTANT DOCUMENTS	TOTALS PER TASK HOURS \$ AMOUNT
	LEVEL	7	6	5	4	3	2	1		
	*HOURLY RATE	\$	\$156.00		\$101.00	\$120.00	\$117.00	\$42.00		
SURVEY SERVICES	HOURS		42.5		23.5	58.75	28	58.75		211.5
	AMOUNT	\$	\$6,630.00	\$	\$2,373.50	\$7,050.00	\$3,276.00	\$2,467.50	\$ 900.00	\$ 22,697.00
MONUMENTS W/GA DISK EXPENSE	HOURS									
	AMOUNT	\$	\$	\$	\$	\$	\$	\$	\$ 1,590.00	\$ 1,590.00
	HOURS									
	AMOUNT	\$	\$	\$	\$	\$	\$	\$	\$	\$
TOTAL	HOURS	0	42.5	0	23.5	58.75	28	58.75		211.5
	AMOUNT	\$ -	\$ 6,630.00	\$ -	\$ 2,373.50	\$ 7,050.00	\$ 3,276.00	\$ 2,467.50	\$ 2,490.00	\$ 24,287.00
PROFESSIONAL SERVICES GRAND TOTALS									HOURS AMOUNT	211.5 \$ 24,287.00



BOSWELL ENGINEERING

ENGINEERS ■ SURVEYORS ■ PLANNERS ■ SCIENTISTS

330 Phillips Avenue • P.O. Box 3152 • South Hackensack, N.J. 07606-1722 • (201) 641-0770 • Fax (201) 641-1831

August 10, 2016

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

RECEIVED
2016 AUG 24 A 11:51
TREASURY DPMC
PROCUREMENT

Re: Project # P1143-00
Technical & Fee Proposal
Boundary Survey for Land Acquisition
Various Parcels
Township of Ocean, Monmouth County, NJ
Our File No.: PR-16-7390

Dear Mr. Taylor:

Boswell Engineering (Boswell), in accordance with the Division of Property Management and Construction (DPMC) invitation, is pleased to submit an original and four (4) copies of our Technical Proposal and in a separately sealed envelope an original and four (4) copies of our 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

Stephen T. Boswell, Ph.D., P.E., LSRP, SECB, CME

STB/FK/dm
Enclosures



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. Electronic total station, Real-Time Kinematic Surveying (RTK), Global Positioning Systems (GPS), 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:

- GSP/RTK survey
- Boundary & topographic surveys
- Right-of-way surveying & mapping
- Ground control & baseline surveys
- Construction stakeout
- Hydrographic charting & 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.



State of New Jersey
Department of the Treasury **[DPMC]**

*DPMC Project No. P1143-00
Boundary Surveys for Land Acquisition
Township of Ocean, New Jersey*

Administrative Information

Company Name: Boswell Engineering
Address: 330 Phillips Avenue
South Hackensack, NJ 07606
Telephone: 201-641-0770
Fax: XXXXXXXXXX
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: 92 years / 34 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		DEPARTMENT OF TREASURY DIVISION OF REVENUE PO BOX 252 TRENTON, NJ 08646-0252
TAXPAYER NAME: BOSWELL ENGINEERING, INC.	TRADE NAME:	
TAXPAYER IDENTIFICATION#: 221-886-168/000	CONTRACTOR CERTIFICATION#: 0099760	
ADDRESS: 330 PHILLIPS AVE 80 HACKENSACK NJ 07606	ISSUANCE DATE: 10/03/01	
EFFECTIVE DATE: 07/01/04	<i>Patricia A. Churchill</i> Director, Division of Revenue	
FORM-BRC-08-01	This Certificate is NOT negotiable or transferable. It must be accompanied by original of 0099760	

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

State of New Jersey Division of Consumer Affairs State Board of Professional Engineers and Land Surveyors	
THIS CERTIFIES THAT	
BOSWELL ENGINEERING, INC. 330 PHILLIPS AVENUE South Hackensack, NJ 07606	
Has met the requirements of the State Board of Professional Engineers and Land Surveyors and is hereby issued a	
CERTIFICATE OF AUTHORIZATION	
to offer the following services:	
Engineering & Land Surveying	07/01/2002
Person in Responsible Charge	STEPHEN T. BOSWELL
For the names of other Responsible Charge Licensees, go to: http://www.njconsumeraffairs.com/industry.html	
Date: August 8, 2014 Certificate No. 24GA27958000 Expiration Date: 08/31/2016	
<i>KAW/MW</i> Executive Director	

Boswell Engineering



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 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 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 LGO V7.0.1 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 **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 LGO software.

Boswell's CADD Department is capable of meeting client's criteria for specific requirements of digital data (hardware, software, layering, linetypes, 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.



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 Boundary Surveys that may be required by the DPMC in the Township of Ocean.

Project Name & Location: Community Development Block Grant Disaster Recovery,
FEMA Hazard Mitigation Grant Program & NJDEP Green Acres
Programs
Little Falls, 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**.



Project Name & Location: Community Development Block Grant Disaster Recovery
Program Property Acquisitions
Hawthorne, 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.



Project Name & Location: Flood Damaged Property Acquisition
Westwood, 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 three (3) additional properties were surveyed later, one each in 2013, 2014 and 2016.



Project Name & Location: Sourland Mountain Natural Area
Township of West Amwell, 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.



Project Name & Location: Brook's Farm Plan Acquisition
Borough of Closter, New Jersey

Client: Borough of Closter

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.

Boswell prepared the boundary surveys and all necessary deliverables for these four (4) properties ranging from 0.4 acre to 6.183 acres 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 Local Unit Land Acquisitions.



Project Name & Location: Perimeter Boundary Survey & Green Acres Survey
Camp Tamarack
Oakland, NJ

Client: County of Bergen
Department of Planning & Economic Development
Hackensack, NJ

Description of Services:

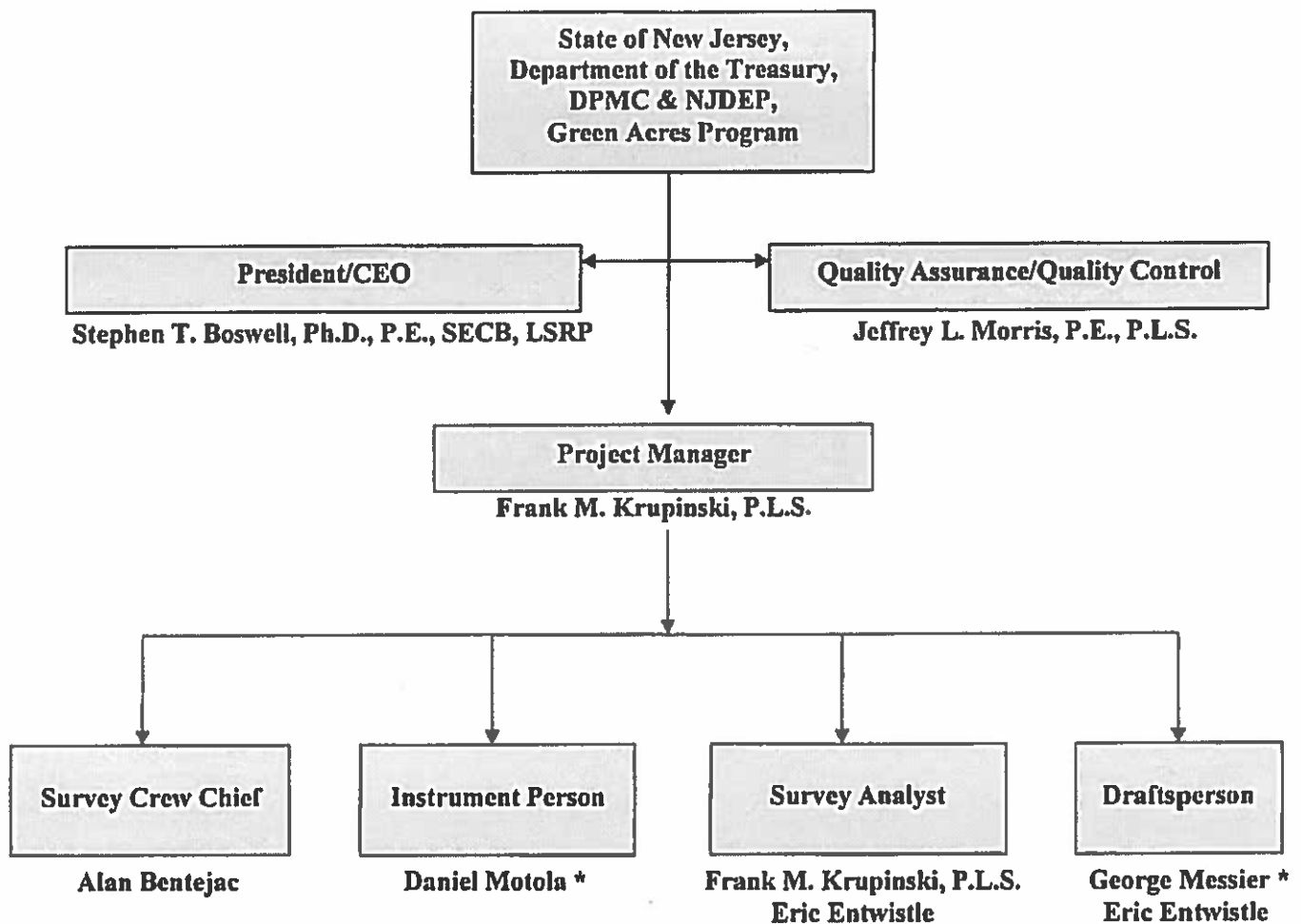
Camp Tamarack was formerly owned by the Boy Scouts of America. The County of Bergen originally contracted Boswell to perform a Perimeter Boundary Survey of two (2) tracts consisting of 182 acres. Boswell's surveying responsibilities of these tracts included analytical mapping, the determination of the boundary and the location of any encroachments along the boundary line.

Boswell was subsequently contracted to prepare a Boundary Survey of one tract containing 160 acres for Green Acres approval. Boswell's surveying responsibilities beyond the original scope was to locate and condition inventory all structures on the property, and to locate the boundary of Lake Tamarack, which was necessary to compute area underwater as required by Green Acres.

Boswell determined the boundary by researching and compiling information from the Bergen County Courthouse and the Bergen County Engineering Department. Surveys and deeds of adjoining properties were obtained in order to aid in the establishment of the boundary and to identify possible overlaps in ownership.



Section B: Organization Chart



* - Key team member, but no resume provided



Section C: Resumes

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

Stephen T. Boswell, Ph.D., P.E., P.P., LSRP, SECB
President/CEO



YEARS OF EXPERIENCE: 37 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

REGISTRATIONS/CERTIFICATIONS:

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 /SENATE PRESIDENT APPOINTMENTS:

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.

Dr. Boswell was appointed by the Governor of the State of New Jersey as a Member of the Regional Intergovernmental Transportation Coordination Study Commission.

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. He is the appointed municipal, planning board, and zoning board of adjustment engineer for over 30 northern New Jersey communities. Dr. Boswell is an adjunct professor at New Jersey Institute of Technology (NJIT) and Stevens Institute of Technology (SIT), teaching in the Department of Civil Engineering. 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.

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

As the managing officer of the firm, Dr. Boswell is ultimately responsible for the quality and timeliness of all projects performed by the firm. A sampling of significant projects in various engineering disciplines includes the following:

- **Borough of Fort Lee, NJ.** Design, construction administration and inspection for the Main Street Streetscape. This enhancement project further includes separation of the existing combined sewer system, upgrading a sanitary sewer pump station and installation of 5,000 LF of 12" DIP sanitary force main (approximately \$4.9 Million in construction cost).
- **Borough of New Milford, NJ.** Design, permitting and construction inspection for the widening of 650 LF of the Hirschfield Brook utilizing natural stone walls to remove existing flow constrictions along this channel. This flood control project substantially reduced flood elevations and eliminated bank erosion and successfully removed properties from 25-year flood events (approximately \$1.5 Million in construction cost).
- **Sinatra Park and Castle Point Walkway, Hoboken, NJ.** Design, construction inspection, permitting and contract administration for the reconstruction of a pre-cast high level relieving platform. The project also included the installation of a continuing section of the Hudson River Waterfront Walkway and a 57,000 sq. ft. artificial turf soccer field (approximately \$9.6 Million in construction cost).
- **NJDOT Local Aid Grants.** On average, twenty-five local aid grants each year. The services provided include the design, construction inspection and the grant reimbursement paperwork.
- **City of Hackensack, NJ.** Design and construction engineering services for the replacement of the River Street Rail Trestle, roadway widening and intersection improvements (approximately \$4.5 Million in construction cost).
- **City of Garfield, NJ.** Design and construction administration/inspection services for the realignment, widening, signalization and intersection improvements along a 0.9 mile section of River Drive (approximately \$8.5 Million in construction cost).
- **County of Bergen, NJ.** Design and construction engineering services for the River Road Public/Private Partnership in Edgewater, NJ, involving the reconstruction of three (3) miles of five (5) lane roadway, including signalization, and two (2) municipal parking lots (approximately \$12 Million in construction cost).
- **County of Albany, New York.** Design and construction supervision of eight (8) highway and bridge projects under two (2) agreements (approximately \$26.5 Million in construction cost).
- **Borough of Waldwick, NJ.** Design and construction supervision for the installation of three (3) air stripping systems for removal of volatile organic chemical contaminants in the drinking water (approximately \$1 Million in construction cost).
- **City of Hackensack, NJ.** Planning and design for phase one of a combined sewer separation program funded by NJEIT. Boswell was responsible for obtaining Army Corps of Engineers Nationwide Permit No. 7, NJDEP Individual Waterfront Development Permit and BCSCD Authorization.
- **Jersey City, NJ.** Underwater inspection of 72-inch outfall at the Newark Bay Crossing (\$750,000 fee).
- Golf course design on thirteen (13) golf courses, including routing, architecture, grading, drainage and irrigation systems (approximately \$8 Million in construction cost).
- Design and construction supervision of 12 large community playground structures (approximately \$100,000 each in construction cost).
- **Township of North Bergen, NJ.** Design and construction supervision of the conversion of an 8 MGD sewage treatment plant to a pumping station and installation of approximately three (3) miles of fused HDPE force main (approximately \$20 Million in construction cost).
- **Westvale Park, Westwood, NJ.** Design and construction supervision of an 8-acre recreational complex comprised of four (4) athletic fields, dog run and walking path atop a capped municipal landfill (approximately \$3 Million in construction cost).
- **20th Century Park, Garfield, NJ.** Design, permitting and construction inspection for a sport recreation facility built on a 25-acre site. The project consisted of two (2) baseball/softball fields, a football and soccer field, a roller hockey rink, a concession stand, a utility building with locker rooms and restrooms, walking paths and a 100-vehicle parking area (approximately \$10.4 Million in construction cost).

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

Dr. Boswell has authored numerous environmental impact statements and wetlands reports and has been qualified as an expert by:

- The New Jersey Tax Court on wetlands delineation and developability of property.
- 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, 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 ECRA/ISRA process in New Jersey and the SEQRA process in New York State.

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. and David A. Vaccari, Ph.D., P.E. (1994), "Plate and Frame Membrane Air Stripping," ASCE 21st Annual Conference Proceedings, Water Policy and Management: Solving the Problems.

Ganas, P.E., Michael J. and Stephen T. Boswell, Ph.D., P.E. (1994), "Bridge Diving Inspections and the Competitive Bid System: Problems and Pitfalls," Water Operation and Maintenance: Prepared for the United States Department of the Interior, Bureau of Reclamation, Bulletin No. 168.

Boswell, Ph.D., P.E., Stephen T., Patrick J. Carberry, P.E. and John M. Kourouglos (1995), "Removing Metals from an Industrial Wastewater Discharge By Ultrafiltration," Industrial Wastes Technical Conference - Multimedia Pollution Control and Prevention: Prepared for the Water Environment Federation.

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

Pazwash, Ph.D., P.E., Hormoz and Stephen T. Boswell, Ph.D., P.E. (1995), "Water Quality Measures In Urban Stormwater Management," Prepared for ASCE's 1st International Conference on Water Resources Engineering.

Pazwash, Ph.D., P.E., Hormoz and Stephen T. Boswell, Ph.D., P.E. (1997), "Management of Roof Runoff, Conservation and Reuse," Prepared for Water Resources Planning and Management Division, ASCE's 24th Annual Conference.

Pazwash, Ph.D., P.E., Hormoz and Stephen T. Boswell, Ph.D., P.E. (1999), "Conservation of Water; Reuse of Roof Runoff," Prepared for the ASCE's 1999 International Water Resources Engineering Conference.

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.

Pazwash, Ph.D., P.E., Hormoz and Stephen T. Boswell, Ph.D., P.E. (2003), "Proper Design of Inlets and Drains for Roadways and Urban Developments," Prepared for the ASCE, EWRI, World Water & Environmental Resources Congress 2003.

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

Bergen County Society of Professional Engineers (Past President, V.P. & Treasurer)

Stevens Institute of Technology - 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

Frank M. Krupinski, P.L.S.
Director of Survey



YEARS OF EXPERIENCE: 32 Years

EDUCATION:

New Jersey Institute of Technology

REGISTRATION:

Professional Land Surveyor - New Jersey

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 5,000 square feet to 181 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:

- **Newark Liberty International Airport, Utility Management System, Newark, NJ.** Responsible for downloading, processing and drafting underground utility locations (both as-built and mark-out), as well as other pre-construction and post construction topographic surveys.
- **Bergen County Department of Planning and Economic Development, Camp Tamarack, Oakland, NJ.** Performed record research and boundary analysis for this 181 acre tract. Prepared a Perimeter Survey and a later Boundary Survey for Green Acres acquisition.
- **NJ Department of Human Services/NJ Department of Property Management & Construction, Greystone Park Psychiatric Hospital, Morris County, NJ.** Prepared boundary surveys and metes & bounds descriptions for three parcels totaling 199 acres to be conveyed to the County of Morris.
- **Hackensack University Medical Center, Pascack Valley Hospital, Westwood, NJ.** Prepared an ALTA/ACSM Land Title Survey for this 22 acre property. Was responsible for record research, boundary analysis, preparation of metes & bounds and CAD drafting.
- **New Jersey Department of Transportation (NJDOT), U.S. Route 30 (White Horse Pike) & Evesham Avenue Intersection Improvements, Magnolia, NJ.** Responsible for planning and processing of the master control survey, which was performed utilizing GNSS. The GNSS system was also used for establishing horizontal and vertical control for the aerial mapping. Responsible for input and adjustment of survey baselines, downloading and processing of field survey data, and supervising right-of-way document preparation.

FRANK M. KRUPINSKI, P.L.S.

- ***NJDOT, Widening of Sussex Turnpike, Randolph, NJ.*** On this four (4) mile widening project, responsibilities included planned and executed the master control survey, which was performed utilizing GPS. The GPS system was also used for establishing horizontal and vertical control for the aerial mapping. Responsible for the downloading and processing of all data. Also, responsible for deed search and filed map acquisition, and the establishment of the existing right-of-way lines, preparation of proposed right-of-way documents, specifically general property parcel maps, entire tract maps, individual parcel maps and legal descriptions.
- ***NJDOT, Route 80, Section 20 Roadway Widening (Metric), Hackensack, South Hackensack & Teterboro, NJ.*** Responsibilities included planned and executed the master control survey, which was performed utilizing GNSS. The GNSS system was also used for establishing horizontal and vertical control for the aerial mapping. Responsible for the downloading and processing of all data.
- ***NJDOT, Route 9W, Section 1J Roadway Widening (Metric), Englewood Cliffs, NJ.*** This 1.2-mile roadway widening project included deed search and field map acquisition. Responsibilities for field locating the existing centerline monumentation and the subsequent analysis of the same; establishing existing right-of-way; the preparation of proposed right-of-way documents, specifically general property parcel maps, entire tract maps, individual parcel maps and descriptions; and the preparation of jurisdictional limit maps. Field survey requirements were to edit and update existing aerial mapping; determine heights of primary and secondary electric wires; and staking proposed soil borings.
- ***NJDOT, Billingsport Road over Conrail Deepwater Line (Metric), Greenwich & Paulsboro, NJ.*** This grade crossing elimination project included the field location of the existing property corners, establishing the existing right-of-way utilizing field locations and current deeds of record. Responsibilities also included the preparation of proposed right-of-way documents, specifically general property parcel maps, entire tract maps, individual parcel maps and descriptions.
- ***NJDOT, Route 4, Section 2AB - Farview Avenue over Rte. 4, Paramus, NJ.*** Responsible for deed search and filed map acquisition, and the establishment of the existing right-of-way lines, preparation of proposed right-of-way documents, specifically general property parcel maps, entire tract maps, cut-outs and agreements.
- ***NJDOT, Route 4, Section 2Y - Rte. 4 over Kinderkamack Road & Hackensack Avenue over Rte. 4, Hackensack & River Edge, NJ.*** Responsible for deed search and filed map acquisition, establishing establishment of the existing right-of-way lines, preparation of proposed right-of-way documents, specifically general property parcel maps, entire tract maps, Riparian Grant Application, cut-outs and agreements.
- ***NJDOT, Route 4 & Route 17 Interchange Improvement (Metric), Paramus, NJ.*** Responsibilities included the horizontal control survey utilizing GNSS, established existing right-of-way and the existing construction baselines, based on deeds, filed maps, field locations and DOT. field notes and mapping, prepared the alignment preservation map and the advanced right-of-way plans, consisting of general property parcel maps, entire tract maps, cut-outs and descriptions. Also, supervised the field crew in the aerial mapping edit and update, as well as the final base mapping.
- ***Molly Ann's Brook Flood Control Project, Passaic County, NJ.*** As chief of survey for the rehabilitation and/or replacement of six bridges, responsibilities included locating property corners and performed topographic surveys utilizing existing aerial control and established existing right-of-way, as well as base mapping for each bridge, preparation of complete right-of-way documents, consisting of general property parcel maps, entire tract maps, cut-outs and agreements.

FRANK M. KRUPINSKI, P.L.S.

- ***NJDOT, Stage II Scour Evaluation, Hunterdon, Mercer and Warren Counties, NJ.*** Responsibilities included obtaining stream cross sections and preparing mapping for 29 roadway bridges. Total project length was approximately 12,500 L.F.
- ***East Orange Water Commission, Millburn, NJ.*** 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.
- ***Bergen County Health Care Center, Rockleigh, NJ.*** Responsible for the determination of the boundary on this 50' acre tract. Since the deed of record did not close by 50', 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.
- ***Old Stone Church Road Bridge Replacement, Upper Saddle River, NJ.*** Supervised the field survey and performed the necessary record research and boundary analysis, met with the County, and prepared the easement maps and legal descriptions for the property acquisition required this bridge replacement project in just six (6) working days from authorization to proceed. Just as construction was set to begin, it was realized that the permanent and temporary easements were never acquired, and this project was made a priority so that the construction schedule would not be interrupted.

Jeffrey L. Morris, P.E., P.L.S., P.P.
Department Head – Land Development Division

YEARS OF EXPERIENCE: 36 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

Alan Bentejac
Party Chief



YEARS OF EXPERIENCE: 41 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 41-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.

Eric A. Entwistle
Survey Analyst



YEARS OF EXPERIENCE: 25 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 25-years 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/ACSM 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:

- 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.



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.	AGE 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 (5 Properties), Township of Little Falls \$14,250 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Blue Acres Req	Project Manager/Survey Analyst/CADD Person	3	50%	10/2015 - 12/2015	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%	01/2015 - 02/2015	Borough of Hawthorne, [REDACTED]
Flood Damaged Properties Acquisition (6 Properties), Borough of Westwood \$14,025 (Fee)	Boswell Engineering	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; 03/2013; 05/2014; 04/2016	Borough of Westwood, [REDACTED]
Brook's Farm Plan Acquisition (4 Properties), Borough of Closter \$24,470 (Fee)	Boswell Engineering	Research, Boundary Analysis, Prep. of Legal Descriptions & Surveyor's Summary Per Green Acres Req	Project Manager/Survey Analyst/CADD Person	10	40%	01/2006 - 05/2006; 10/2006 - 12/2006; 03/2011 - 04/2011	Borough of Closter, [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 - 07/2014	FirstEnergy (J.C.P. & L.), [REDACTED] NJDEP Green Acres, [REDACTED]
Boundary Survey of P.V.S.C. Newark Bay Treatment Plant, City of Newark \$44,250 (Fee)	Boswell Engineering	Research & Boundary Analysis	Project Manager/Survey Analyst/CADD Person	4	50%	12/2014 - 03/2015	Passaic Valley Sewerage Commission, [REDACTED]
Boundary Survey of Bergen County Health Care Center, Borough of Rockleigh \$23,800 (Fee)	Boswell Engineering	Research & Boundary Analysis	Project Manager/Survey Analyst/CADD Person	2	50%	07/2012 - 08/2012	County of Bergen, [REDACTED]

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

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 (5 Properties), Township of Little Falls \$14,250 (Fee)	Boswell Engineering	Boundary Survey	Survey Crew Chief	3	25%	10/2015 - 12/2015	Township of Little Falls, [REDACTED]
CDBG Disaster Recovery Surveys (3 Properties), Borough of Hawthorne \$6,095 (Fee)	Boswell Engineering	Boundary Survey	Survey Crew Chief	2	27%	01/2015 - 02/2015	Borough of Hawthorne, NJ [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; 03/2013; 05/2014; 04/2016	Borough of Westwood, NJ [REDACTED]
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%	01/2006 - 05/2006; 10/2006 - 12/2006; 03/2011 - 04/2011	Borough of Closter, NJ [REDACTED]
Sourland Mountain Natural Area (Partial Acquisition), Township of West Amwell \$27,100 (Fee)	Boswell Engineering	Boundary Survey, Set Monuments	Survey Crew Chief	9	34%	11/2013 - 07/2014	FirstEnergy (L.C.B. & L.) NJDEP Green Acres, [REDACTED]
Boundary Survey of Bergen County Health Care Center, Borough of Rockleigh \$23,800 (Fee)	Boswell Engineering	Research & Boundary Analysis	Survey Crew Chief	2	25%	07/2012 - 08/2012	County of Bergen, NJ [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	25%	01/2016 - Present	FirstEnergy (L.C.B. & L.) [REDACTED]

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

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%	01/2015 - 04/2015	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%	01/2015 - 04/2015	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%	09/2013 - 11/2013; 07/2014	Hazen & Sawyer, [REDACTED]
Boundary & Topographic Survey of Elysian Park, City of Hoboken \$9,650 (Fee)	Boswell Engineering	Boundary & Topographic Survey	Survey Analyst/CADD Person	1	40%	01/2013	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%	03/2014	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%	08/2013; 10/2014	City of Hackensack., [REDACTED]

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



State of New Jersey
Department of the Treasury 

*DPMC Project No. P1143-00
Boundary Surveys for Land Acquisition
Township of Ocean, New Jersey*

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	20%	6
BOSWELL ENGINEERING	ERIC ENTWISTLE, SURVEY ANALYST	15%	4
BOSWELL ENGINEERING	ALAN BENTEJAC, SURVEY CREW CHIEF	23%	3
BOSWELL ENGINEERING	GEORGE MESSIER, DRAFTSPERSON	19%	2
BOSWELL ENGINEERING	DANIEL MOTOLA, SURVEY INSTRUMENT PERSON	23%	1

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



State of New Jersey

Department of the Treasury



*DPMC Project No. P1143-00
Boundary Surveys for Land Acquisition
Township of Ocean, New Jersey*

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. The County of Monmouth's Open Public Records 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. It should be noted that the Project Composite Location Plan required for this project will be compiled and drafted during this stage.

Boswell's field personnel will establish a closed loop survey baseline for the project. The closed loop 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 four (4) points on the loop. The resultant NAD1983 coordinates will be obtained/computed via Leica Geosystems' SmartNet North America network.

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**, an average combined scale factor (or Project Adjustment Factor) of the resultant GNSS/RTK points will be computed for the project 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 by them, our survey office, **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 DEP so that a reasonable solution to the situation can be arrived at.



State of New Jersey

Department of the Treasury



DPMC Project No. P1143-00

***Boundary Surveys for Land Acquisition
Township of Ocean, New Jersey***

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, locating any improvements near the property lines on all adjoining properties not being acquired in this scope of work and by locating the banks and/or walls of Poplar Brook, where necessary.

During the preliminary research conducted for the preparation of this proposal, it was noticed that all the subject properties immediately north of Poplar Brook had plus or minus distances to the center of the Brook and that the properties on the south side of the Brook abutting the subject lots had defined metes and bounds along the center of the Brook by way of major subdivision and/or survey. Boswell will utilize this defined centerline of Brook information so as to eliminate gaps (areas of questionable title) between the properties.

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, 2013.

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, 2013, the **Green Acres Policy and Procedures Addendum to Scope of Survey Services**, dated July, 2013 and revised December 1, 2015, and/or as specifically outlined in the **Project Specific Survey Requirements** contained in the **Scope of Work** for Project No. P1143-00.

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 30 working days. **Boswell** will submit a preliminary review submission within eight (8) working days from the kick-off meeting. We have demonstrated this ability most recently during the **Little Falls Blue Acres Acquisition** project where we were provided only seven (7) working days to survey, send for review, revise and finalize one property to meet a closing date.

All property owner and adjoining owner notifications will be hand delivered on the first day our field crew is on site to make the residents aware of our activities. Since the survey baseline work and GNSS/RTK surveying does not require entry onto private property, the hand delivering will still allow 2 or 3 days for the residents to read the notices and, should they have any questions or concerns, contact **Boswell's** Project Manager for more information.

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 and Parcel Closure Reports and reviewing title reports. In addition, **Boswell** has the benefit of a Project Manager and a Survey Analyst both of whom are capable of drafting, should the need arise.

The bar chart on the following page reflects our schedule and allows for six (6) days of inclement weather during the field surveying portion of the project.

Boundary Surveys For Land Acquisition
DPMC Project No. P1143-00
Township of Ocean, Monmouth County, New Jersey
Project Schedule

		Day																														Month																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3 - 36																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
FIELD	Task																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Establish Survey Baselines & Ties																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	GNSS/RTK Survey																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Boundary Survey																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Individual Lot Locations																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Setting of Property Corners																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
OFFICE	Prepare Letters of Notification																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Research Deeds and Maps																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Plot Deeds & Maps																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Download, Input & Check Field Data																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Analyze & Adjust Survey Baseline																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Boundary Analysis																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Draft Boundary Surveys																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Prepare Legal Descriptions																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Prep. Surveyor Cert. & Summary Forms																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Preliminary Submittal (1 Property)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Prepare Submittals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Prepare Project Reference Map																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Prep. Property Corner Stakeout																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	




State of New Jersey
Department of the Treasury 

*DPMC Project No. P1143-00
Boundary Surveys for Land Acquisition
Township of Ocean, New Jersey*

Section H: Certificate of Employee Information Report

Certificate of Employee Information Report follows in this Section.



State of New Jersey
Department of the Treasury 

*DPMC Project No. P1143-00
Boundary Surveys for Land Acquisition
Township of Ocean, New Jersey*

Section I: Certification of Public Law 2005, Chapter 92

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

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

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 252
TRENTON, N J 08646-0252

TAXPAYER NAME:

BOSWELL ENGINEERING, INC.

TRADE NAME:

TAXPAYER IDENTIFICATION#

221-896-168/000

CONTRACTOR CERTIFICATION#

0089760

ADDRESS

330 PHILLIPS AVE
SO HACKENSACK NJ 07606

ISSUANCE DATE:

10/03/01

EFFECTIVE DATE:

07/01/66

Patricia A. Chiacchis

Director, Division of Revenue

FORM-BRC(08-01)

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



State of New Jersey

CHRIS CHRISTIE
Governor
KIM GUADAGNO
Lt. Governor

DEPARTMENT OF THE TREASURY
DIVISION OF PURCHASE & PROPERTY
CONTRACT COMPLIANCE AUDIT UNIT
EEO MONITORING PROGRAM
P.O. BOX 206
TRENTON, NJ 08625-0206

FORD M. SCUDDER
Acting State Treasurer

ISSUANCE OF 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.

Enclosure(s) (AA-01 Rev. 11/11)

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-2016** to **15-JUN-2019**

BOSWELL ENGINEERING, INC.
330 PHILLIPS AVENUE
SO. HACKENSACK NJ 07606



Ford M. Scudder
FORD M. SCUDDER
Acting State Treasurer

AMERICANS WITH DISABILITIES ACT

State Contract Language

Equal Opportunity for Individuals with Disabilities

The CONTRACTORS and the STATE do hereby agree that the provision of Title II of the Americans With Disabilities Act of 1990 (the "Act") (42 U.S.C. §12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. In providing any aid, benefit, or service on behalf of the STATE pursuant to this contract, the CONTRACTOR agrees that the performance shall be in strict compliance with the Act. In the event that the CONTRACTOR, its agents, servants, employees or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the CONTRACTOR shall defend the STATE in any action or administrative proceeding commenced pursuant to this Act. The CONTRACTOR shall indemnify, protect, and save harmless the STATE, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The CONTRACTOR shall, at its own expense, appear, defend and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the STATE's grievance procedure, the CONTRACTOR agrees to abide by any decision of the STATE which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the STATE, or if the STATE incurs any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the CONTRACTOR shall satisfy and discharge the same at its own expense.

The STATE shall, as soon as practicable after a claim has been made against it, give written notice thereof to the CONTRACTOR along with full and complete particulars of the claim. If any action or administrative proceeding is brought against the STATE or any of its agents, servants, and employees, the STATE shall expeditiously forward or have forwarded to the CONTRACTOR every demand, complaint, notice, summons, pleading, or other process received by the STATE of its representatives.

It is expressly agreed and understood that any approval by the STATE of the services provided by the CONTRACTOR pursuant to this contract will not relieve the CONTRACTOR of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the STATE pursuant to this paragraph.

It is further agreed and understood that the STATE assumes no obligation to indemnify or save harmless the CONTRACTOR, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the CONTRACTOR expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the CONTRACTOR's obligations assumed in this Agreement, nor shall they be construed to relieve the CONTRACTOR from any liability, nor preclude the STATE from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

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.

Bidder or Subcontractor	Description of Services	Performance Location(s) by Country
Boswell Engineering, Inc.	Boundary Surveys for Land Acquisition - Various Parcels Township of Ocean, Monmouth County, NJ	330 Phillips Ave., South Hackensack, NJ 07606

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: Stephen T. Boswell

Title: President

Print Name: Stephen T. Boswell, Ph.D., P.E., LSRP, SECB

Date: August 5, 2016