

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:

DATE: February 14, 2017 | Revised March 1, 2017
PROJECT NO.: P1150-00

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

THIS PROPOSAL DUE DATE, NO LATER THAN 2:00 PM, Thursday, February 14, 2017

FIRM NAME Pennon Associates Inc.

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

	HUD/CDBG SURVEYS	FEMA/HMGP SURVEYS
CONSULTANT SURVEY SERVICES	\$ 61,260	\$ 21,150
SUB CONSULTANT SURVEY SERVICES	\$ N/A	\$ N/A
TOTAL LUMP SUM FEE FOR SURVEY SERVICES	\$ 61,260	\$ 21,150
CORNER MARKER SETTING ALLOWANCE	\$ 15,440	\$ 5,020
TOTAL CONTRACT AMOUNT	\$ 76,700	\$ 26,170

PROPOSAL TO HOLD GOOD 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: [Signature]

Print Name: Dennis S. DiBlasio, PLS, PP

Title: Vice President

Date: 3/01/2017

Witness Signature: [Signature]

Print Name: Stephanie McGarvey

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)

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2017 MAR - 1 P 2:31
TREASURY DPMC
PROCUREMENT

Final/Accepted Fee Proposal

CONSULTANT TASK/LABOR/FEE SHEET A/E: Pennoni Associates Inc.

Project # P1150-00

Project Name: Boundary Surveys for Land Acquisition, Various Parcels

Project Location: Borough of South River, Middlesex County, NJ

HUD/CDBG Surveys

PROJECT PHASE OR TASK	CONSULTANTS LEVEL OF EFFORT IN HOURS/FEE								REPROD. COST	TOTALS
	LEVEL	7	6	5	4	3	2	1	PER PHASE INCLUD.	PER TASK
	*HOURLY RATE	\$180.00	\$N/A	\$115.00	\$110.00	\$90.00	\$N/A	\$N/A	SUB CONSULTANT DOCUMENTS	HOURS \$ AMOUNT
SURVEY SERVICES	HOURS	60	N/A	42	61	61	N/A	N/A	N/A	224
	AMOUNT	\$10,800.00	\$N/A	\$4,830.00	\$6,710.00	\$5,490.00	\$N/A	\$N/A	\$N/A	\$27,830.00
SURVEY SERVICES	HOURS	\$N/A	N/A	41	60	60	N/A	N/A	N/A	161
	AMOUNT	\$N/A	\$N/A	\$4,715.00	\$6,600.00	\$5,400.00	\$N/A	\$N/A	\$N/A	\$16,715.00
SURVEY SERVICES	HOURS	\$N/A	N/A	41	60	60	N/A	N/A	N/A	161
	AMOUNT	\$N/A	\$N/A	\$4,715.00	\$6,600.00	\$5,400.00	\$N/A	\$N/A	\$N/A	\$16,715.00
TOTAL	HOURS	60	N/A	124	181	181	N/A	\$N/A	N/A	546
	AMOUNT	\$10,800.00	\$N/A	\$14,260.00	\$19,910.00	\$16,290.00	\$N/A	\$N/A	\$N/A	\$61,260.00
PROFESSIONAL SERVICES									HOURS	546
GRAND TOTALS									AMOUNT	\$61,260.00


3/1/2017

Final/Accepted Fee Proposal

CONSULTANT TASK/LABOR/FEE SHEET A/E: Pennoni Associates Inc.

Project # P1150-00

Project Name: Boundary Surveys for Land Acquisition, Various Parcels

Project Location: Borough of South River, Middlesex County, NJ

FEMA/HMGP Surveys

PROJECT PHASE OR TASK	CONSULTANTS LEVEL OF EFFORT IN HOURS/FEE								REPROD. COST	TOTALS
	LEVEL	7	6	5	4	3	2	1	PER PHASE INCLUD	PER TASK
	*HOURLY RATE	\$180.00	\$N/A	\$115.00	\$110.00	\$90.00	\$N/A	\$N/A	SUB CONSULTANT DOCUMENTS	HOURS \$ AMOUNT
SURVEY SERVICES	HOURS	24	N/A	14	20	20	N/A	N/A	N/A	78
	AMOUNT	\$4,320.00	\$N/A	\$1,610.00	\$2,200.00	\$1,800.00	\$N/A	\$N/A	\$N/A	\$9,930.00
SURVEY SERVICES	HOURS	N/A	N/A	14	20	20	N/A	N/A	N/A	54
	AMOUNT	\$N/A	\$N/A	\$1,610.00	\$2,200.00	\$1,800.00	\$N/A	\$N/A	\$N/A	\$5,610.00
SURVEY SERVICES	HOURS	N/A	N/A	14	20	20	N/A	N/A	N/A	54
	AMOUNT	\$N/A	\$N/A	\$1,610.00	\$2,200.00	\$1,800.00	\$N/A	\$N/A	\$N/A	\$5,610.00
TOTAL	HOURS	24	N/A	42	60	60	N/A	N/A	N/A	186
	AMOUNT	\$4,320.00	\$N/A	\$4,830.00	\$6,600.00	\$5,400.00	\$N/A	\$N/A	\$N/A	\$21,150.00
PROFESSIONAL SERVICES GRAND TOTALS									HOURS AMOUNT	186 \$21,150.00

186
3/1/2017

Final/Accepted Fee Proposal

CORNER SETTING FEE BREAKDOWN, 2-28-2017

HUD/CDBG - 56 PROPERTIES

98 IRON PINS W CAPS @ \$70.00 PER = \$6,860.00

52 CONCRETE MONUMENTS @ 165.00 PER = \$8,580.00

150 CORNER MARKERS

\$15,440.00

FEMA/HMGP - 19 PROPERTIES

34 IRON PINS W CAPS @ 70.00 PER = \$2,380.00

16 CONCRETE MONUMENTS @ 165.00 = \$2,640.00

50 CORNER MARKERS

\$5,020.00

200 CORNER MARKERS

3/1/2017

Final/Accepted Fee Proposal

March 1, 2017

ZZZ17-00339

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

Re: Fee Proposal | Boundary Surveys for Land Acquisition- Various Parcels, Borough of South River
Middlesex County, NJ | DPMC Contract No. P1150-00

Dear Shawn Taylor:

Pennoni has enclosed our revised fee proposal for Land Acquisition- Various Parcels, Borough of South River. Middlesex County, NJ Proposal, DPMC Contract No. P1150-00 as requested by the RFP. This proposal includes a not-to-exceed Fee for the Tasks listed under Parts I and II.

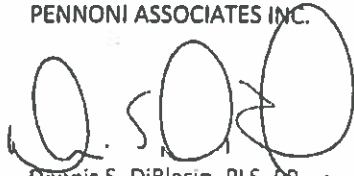
In accordance with the discussions we had at our meeting in your office yesterday we have made these revisions based on the following:

- The fee for corner markers has been revised from 56 corners to 200 corners to be set.
- Additional hours for field and office work was added to set these additional corners.
- Mobilization & demobilization time has been added to accommodate the delay in time for final setting the corners of up to 3 years from the initial survey being performed.
- Additional time has been added to accommodate field meetings with property owners and language translation if required.

We look forward to meeting the needs of the DPMC and continuing our productive relationship. If there are any inquiries regarding this proposal submission, Mr. DiBlasio can be reached at 856-656-2865 or ddiblasio@Pennoni.com.

Sincerely,

PENNONI ASSOCIATES INC.



Dennis S. DiBlasio, PLS, PP
Principal-in-Charge/Vice President

RECEIVED

2017 FEB 14 P 1:05

TREASURY DPMC
PROCUREMENT

February 14, 2017

ZZZ17-00339

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

Re: Boundary Surveys for Land Acquisition- Various Parcels, Borough of South River, Middlesex County, NJ
DPMC Contract No. P1150-00

Dear Shawn Taylor:

Pennoni understands that the Department of Treasury, Division of Property Management and Construction (DPMC) is looking for a professional surveying firm to complete a boundary survey of 76 residential properties located in the Borough of South River, Middlesex County, NJ. Pennoni utilizes the latest technology such as High Definition Laser Scanning, HDS, Robotic field instruments, LIDAR and industry leading AutoCAD civil 3D Cad technology.

With 50 years in business, Pennoni reaffirms its commitment to provide personalized service to clients and to determine the solution that best suits their needs. Established in 1966, Pennoni is a multidisciplinary firm that employs more than 1,200 professional, technical, and administrative personnel in offices strategically located to best serve our growing list of clients around the world. Pennoni provides services to many markets, including commercial/retail, design-build/P3, education, emergency response, energy and sustainability, government, healthcare and pharmaceuticals, industrial, infrastructure, international, leisure and entertainment, mining and mineral processing, and residential.

With an Employee Stock Ownership Program (ESOP) in place, we dedicate ourselves daily to client service, to giving back to the community, and to nurturing the entrepreneurial spirit of our employee-owners. We have received numerous awards for our work as well as our corporate culture, including national rankings by the Zweig Group and Engineering News-Record. Pennoni was named Engineering News Record's Mid-Atlantic 2014 Design Firm of the Year, was ranked 78th on the Engineering News Record's 2016 list of Top 500 Design Firms, and 54th on their list of the Top 100 'Pure' Designers.

From its establishment, Pennoni's longevity through a constantly evolving industry has provided opportunities to continually expand the range of services provided to most effectively meet the needs of our clients. Today, Pennoni offers a broad range of professional services including:

- | | |
|-------------------------------------|-----------------------|
| • Civil/Site | • MEP |
| • Construction Services | • Structural |
| • Environmental | • Survey & Geospatial |
| • Geotechnical | • Transportation |
| • Landscape Architecture & Planning | • Water Resources |
| • Materials Inspection & Testing | • Water/Wastewater |

To achieve our goals of quality work and service to our clients, we must be organized and every task managed to achieve the desired end results. Dennis S. DiBlasio, PLS, PP, will serve as Pennoni's representative to the DPMC. Mr. DiBlasio has more than 38 years of experience in providing professional services to government and private industry clients in all phases of surveying services. His responsibilities include coordinating the surveying efforts of multidiscipline projects for the firm's many different offices. He has extensive background in NJ DEP Green Acre surveys, subdivision preparation, boundary and topographic surveys, ALTA/ACSM Land Title Surveys, environmentally sensitive area mapping, and hazardous waste site surveying, as well as hydrographic and photogrammetric work.

Mr. DiBlasio understands the requirements and challenges associated with managing and delivering projects similar to this request. Furthermore, we are currently working on a large superfund project in South Plainfield for the Louis Berger Group that consists of boundary and topographic mapping wetlands locations and ground water mapping surveys.

Pennoni adheres strictly to the Code of Practices of the American Society of Civil Engineers and subscribes to the Canon of Ethics of the National Society of Professional Engineers. We are proud of the professional reputation that we have developed and we are committed to the highest level of professionalism. If you require additional information, please contact us at your convenience.

Sincerely,

PENNONI ASSOCIATES INC.



Dennis S. DiBlasio, PLS, PP
Principal-in-Charge/Vice President

DuPont Duheral Site Surveying

Middlesex County, NJ



PENNONI PROVIDED ALTA/NSPS LAND TITLE SURVEY SERVICES AND NJDEP GREEN ACRES PROPERTY SUBMISSION FOR MULTIPLE PARCELS THROUGHOUT SEVERAL MUNICIPALITIES IN MIDDLESEX COUNTY, TOTALING 1,079 ACRES OF LAND.

Borough of Sayreville
167 Main Street
Sayreville, NJ 08872

Contact
Wayne A. Kronowski
Treasurer/CFO
732-390-7000

Completion Date
2016

Pennoni was selected by the Borough of Sayreville to perform ALTA/NSPS Land Title Survey and NJDEP Green Acres Property Submission for Old Bridge, Monroe, East Brunswick, Spottswood and Sayreville located in Middlesex County, NJ.

An ALTA/NSPS Land Title Survey of the various parcels, was prepared in accordance with the Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys February 13, 2016, and will comply with the N.J.A.C. 13:40-5.1, "Preparation of Land Surveys". The subject lands consisted of multiple parcels throughout several municipalities in the County of Middlesex and was finally determined to contain 1,079 Acres of land.

A 53 acre portion of the land was prepared in accordance with the NJDEP Green Acre mapping program for future protection from

development and to add to the lands that are to be biological and species habitat lands.

The base mapping was compiled photogrammetrically with low level digital ortho photography. Ground control for this base mapping utilized survey grade GPS equipment with final geodetic survey values relative to the New Jersey State Plane Coordinate System, NJSPCS NAD 83. Boundary reconnaissance utilized GPS, and Robotic Total Stations.

Final plan deliverables were submitted in an AutoCAD Site-Civil 3D environment as well as signed and sealed plan copies. A Surveyors Report was prepared that gave a chronology and description of the document review and field investigation and finally the assessment of how the property lines were permanently monumented.



Myers Tract, Green Acres Acquisition Surveying

Delran Township, NJ



PENNONI PERFORMED A GREEN ACRES ACQUISITION PLAN OF SURVEY FOR MYERS TRACT, CONSISTING OF APPROXIMATELY 33 ACRES IN DELRAN TOWNSHIP, NJ.

Delran Township
900 Chester Avenue
Delran, NJ 08075

Client
Jeff Hatcher
856-461-7734

Completion Date
2012

Pennoni performed a Green Acres Acquisition Plan of Survey for the Myers Tract for Delran Township. The survey was in accordance with Green Acres Specifications. Research of the Deeds of Record, Road Returns, New Jersey Department of Transportation Plans, recorded subdivisions, and other sources were required to accurately show the property boundaries.

GPS and electronic total stations are used in locating existing physical features and survey monumentation. Description of the area to be conveyed to Green Acres Acquisition, one minor driveway encroachment (which was excluded), and the boundary of the property were prepared and reflected on the final survey plans. The final surveys were delivered in both signed and sealed hard-copy and an electronic format (AutoCAD) for use by the Township.

This particular survey required the usual efforts necessary to perform a boundary survey with the additional requirements of the delineation of wetland and riparian areas which imposed separate restrictions on the parcel being surveyed. Additionally, the project required the submission of the plan and all the deeds, easements, and restriction information be delivered in an electronic format.



Bound Brook/Cornell Dubilier - Superfund Site

Middlesex County, NJ



PENNONI WAS TASKED TO PROVIDE RIPARIAN SURVEYS ALONG THE BOUND BROOK THAT TRAVERSED ALONG SEVERAL MUNICIPALITIES WITHIN THE COUNTY OF MIDDLESEX.

Louis Berger Group
412 Mt. Kemble Avenue
Morristown, NJ 07960

Client
Ed Dudek
Senior Vice President
973-407-1000

Completion Date
2012

Pennoni was tasked to provide riparian surveys along the Bound Brook that traversed along several municipalities within the County of Middlesex including The Borough of Middlesex, Piscataway Township & the Borough of South Plainfield. This project consisted of collecting hydrographic survey data along a seven-mile route and to provide the locations of stream transects and cross-sections for the Louis Berger Group.

A planned horizontal and vertical control network was established along roads that generally parallel the Bound Brook. Temporary Benchmarks were established near the approved access points and where the Bound Brook crossed roadways along the stream corridor. This control network consisted of GPS observations, conventional surveying and differential leveling in establishing the New Jersey State Plane Coordinate values / North American Datum of 1983 (NAD83) and

the National Geodetic Vertical Datum of 1929 (NGVD29). Transects were established at approximate five-hundred (500) foot intervals perpendicular to the existing channel and marked in the field using stakes with flagging on both banks.

Upon completion of the field surveys mapping of the Bound Brook was compiled in AutoCAD Civil 3D for hydraulic analysis.

Cornell Dubilier Electronics Superfund Site

South Plainfield, NJ



PENNONI PERFORMED A BOUNDARY AND TOPOGRAPHIC SURVEY OF THE APPROXIMATELY 30-ACRE CORNELL DUBILIER ELECTRONIC SITE LOCATED IN SOUTH PLAINFIELD, NJ.

Louis Berger Group
520 Pike Street, Suite 1005
Seattle, WA 98101

Client
Sharon Bailey
Contract Administrator
206-453-1054

Dates of Services
Ongoing since October 2016

The Cornell Dubilier Electronics Site was formerly a production plant for electronic equipment from 1936 thru 1962 that left behind PCB, TCE, and other toxic chemical contamination to the buildings, ground water and soil. It was listed by the US EPA as a superfund site in 1997. This heavily improved site consisted of approximately 30 acres.

Working with Louis Berger Inc., our job was to perform a Boundary and Topographic survey of the facility to aid in the design of the cleanup operation and for the design of a water line relocation project. The project also entailed underground utility locations and ground water monitoring well locations and wetlands mapping.

elevation data. The final mapping was submitted in AutoCAD Civil 3D. Furthermore, our site personnel had the required OSHA 40-hour health and safety training.

Survey datum was relative to the New Jersey State Plane Coordinate System, N.J.S.P.C.S., NAD 83 and NAVD 88 for topographic



Boundary and Topographic Mapping, Ocean Front City of Long Branch, NJ



PENNONI PROVIDED SITE SURVEYING FOR AN UNASSOCIATED ENGINEERING TEAM'S DEVELOPMENT OF DESIGNS FOR THE ENHANCEMENT OF PREVENTATIVE MEASURES IN THE AFTERMATH OF DAMAGES IT SUSTAINED FROM HURRICANE SANDY.

City of Long Branch
344 Broadway
Long Branch, NJ 07740

Contact
David Spaulding,
Purchasing Agent
732-222-7000

Completion Date
2014

Pennoni was selected by the City of Long Branch to provide them with an extensive surveying and mapping assignment for the design of enhancement and preventative measures along the City's coastal facilities.

This survey encompassed an area approximately two miles in length, along the ocean frontage and along Ocean Ave. Pennoni coordinated this with the City to confirm that proper delivery expectations were met. Our final plans and report of survey was submitted on time and within budget.

In carrying out this project, the Pennoni team was responsible for producing accurate, state-of-the-art surveys to be used as the foundation for engineering designs. This was accomplished through the preparation of Boundary Surveys and Right of Way establishment for the oceanfront properties. The topographical mapping performed by the engineers adhered

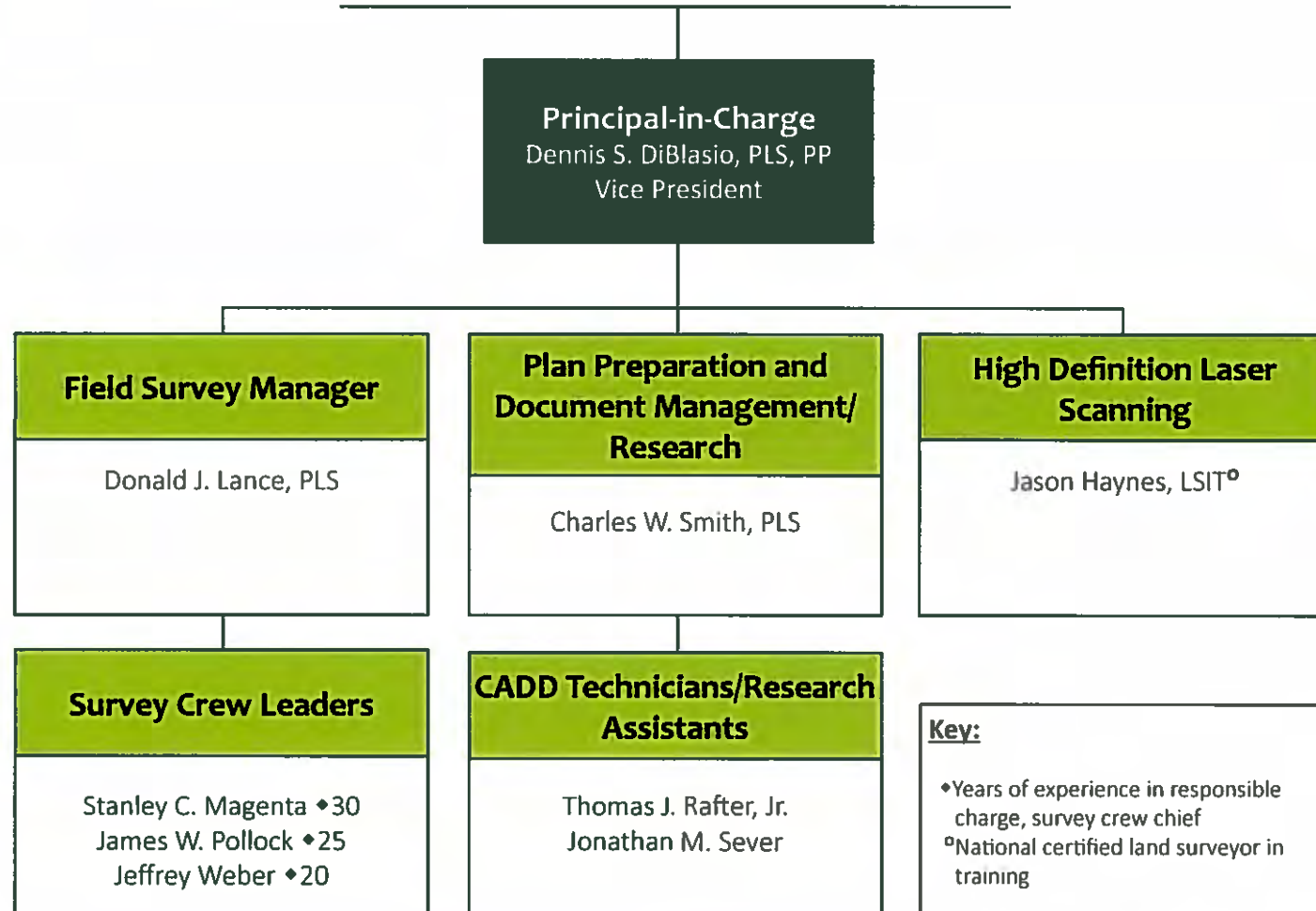
to both National Map Accuracy Standards and a New Jersey Association of Counties land survey stipulation.

Pennoni's duties consisted of:

- Establishing a primary control network by positioning inter-visible control points at measured intervals
- Utilizing a three-wire differential leveling technique and comparing the horizontal and vertical values to obtain elevation data
- Processing and recording measured values in two different surveying coordinate systems
- The utilization of an aerial scanning technique to compile a base plan, as well as a high-definition scanner, GPS unit, and robotic total stations to add terrestrial locations to the map
- Processing collected information through AutoCAD Civil 3D 2012 and Bentley Micro Station V8i software programs

Organization Chart

Department of Treasury, Division of Property Management and Construction



Dennis S. DiBlasio, PLS, PP

Principal in Charge/Vice President

EDUCATION

AA, Burlington County College (1975)

PROFESSIONAL REGISTRATIONS

Professional Land Surveyor: PA
(#SU031396E, exp. 9-30-17)

Professional Land Surveyor: NJ
(#24GS02830700, exp. 4-30-18)

Professional Land Surveyor: NY
(#049885-1, exp. 9-30-18)

Professional Planner: NJ
(#33L100270600, exp. 5-31-18)

CERTIFICATION

TWIC Certified (exp. 8-6-19)

TRAININGS

40-Hr. OSHA, Hazmat (1991, no exp.)

PROFESSIONAL AFFILIATIONS

PA Society of Land Surveyors

NJ Society of Professional Land
Surveyors

NY Association of Professional Land
Surveyors

The Hydrographic Society of America

HONORS/AWARDS

Surveyors GIS Mapping, 1st Place
Award" New Jersey Society of
Professional Land Surveyors, 2002
Annual State Conference

"ACEC/PA 2005 Finalist Honor
Award" for Surveying and Mapping,
Pennoni Associates Inc./Delaware
River Port Authority

EXPERIENCE SUMMARY

Mr. DiBlasio is a Registered Land Surveyor in the States of New Jersey, Pennsylvania, and New York with more than 38 years of experience in providing professional services to government and private industry clients in all phases of surveying services. His responsibilities include coordinating the surveying efforts of multidiscipline projects for the firm's many different offices. He has extensive background in subdivision preparation, outbound and topographic surveys, ALTA/ACSM Land Title Surveys, environmentally sensitive area mapping, and hazardous waste site surveying, as well as hydrographic and photogrammetric work. Mr. DiBlasio has also received the 40-Hour OSHA Hazardous Waste Field Training Course Certificate.

Mr. DiBlasio is the Official Township Surveyor for Nutley, Berlin Borough, Riverside and Woodland Township, who oversees and prepares most of the Township's Cartographic/mapping needs, including Tax Mapping, Zoning, Land Use, 911 Emergency, and Utility Mapping, along with reviewing mapping and planning issues. He also provides maintenance and updating of tax maps for to the Borough of Fanwood and City of Plainfield.

Mr. DiBlasio has over ten years of experience in workshop presentations and seminars for the New Jersey Society of Professional Land Surveyors, New York Association of Professional Land Surveyors, and Pennsylvania Society of Professional Land Surveyors. He is a Past Director at Large for the New Jersey Society of Professional Land Surveyors, and has held various offices in the Surveyors Association of West Jersey, including Past President.

REPRESENTATIVE PROJECTS

Borough of Sayreville – DuPont Duhernal Site, ALTA/ NSPS Land Title Survey and NJDEP Green Acres Property Submission, Middlesex County, NJ

An ALTA/NSPS Land Title Survey of the various parcels in Old Bridge, Monroe, East Brunswick, Spottswood, and Sayreville, NJ was prepared in accordance with the Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys February 13, 2016, and will comply with the N.J.A.C. 13:40-5.1, "Preparation of Land Surveys". The subject lands consisted of multiple parcels throughout several municipalities in the County of Middlesex and was finally determined to contain 1,079 acres of land. A 53-acre portion of the land was prepared in accordance with the NJDEP Green Acre mapping program for future protection from development and to add to the lands that are to be biological and species habitat lands. The base mapping was compiled photogrammetrically with low level digital ortho photography. Ground control for this base mapping utilized survey grade GPS equipment with final geodetic survey values relative to the New Jersey State Plane Coordinate System, NJSPPS NAD 83. Boundary reconnaissance utilized GPS, and Robotic Total Stations. Final plan deliverables were submitted in an AutoCAD Site-Civil 3D environment as well as signed and sealed plan copies. A Surveyors Report was prepared that gave a chronology and description of the document review and field investigation and finally the assessment of how the property lines were permanently monumented.

The Community Builders –HOPE Manor & Riverside Apartment Sites, ALTA/NSPS Land Title Surveys, City of New Brunswick, Middlesex County, NJ

An ALTA/ NSPS land Title Survey was performed of the properties in accordance with the Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys February 13, 2016, and complied with the N.J.A.C. 13:40-5.1, "Preparation of Land Surveys". Pennoni utilized high definition laser scanning equipment, robotic total stations with data collectors, survey grade GPS equipment and computers, as required. A review of the Title Reports for the properties was conducted and the final plans referred to these recorded documents. A zoning report was prepared and submitted with our final plans and property descriptions.



Dennis S. DiBlasio, PLS, PP

Principal in Charge/Vice President

City of Long Branch – Ocean Front Surveying, Monmouth County, NJ

Pennoni was contracted to perform topographical and boundary mapping along Long Branch, NJ shore for the design of improved disaster-prevention measures. The survey involved the establishment of inter-visible control points at measured intervals, the use of a three-wire differential leveling technique, and a static Global Positioning System (GPS) for the collection of geodetic values. A topographical map was composed furnished with details obtained via scanners, a GPS unit, and robotic total stations. Pennoni was selected by the City of Long Branch to provide them with an extensive surveying and mapping assignment for the design of enhancement and preventative measures along the Cities coastal facilities. This survey encompassed an area approximately two miles in length, along the ocean frontage and along Ocean Ave. Pennoni coordinated this with the City, and the Thompson Design Group/ARUP to confirm that proper delivery expectations were met. Surveying and mapping was conducted in accordance with the N.J.A.C. 13:40-5.1 "Preparation of Land Surveys" and with the National Map Accuracy Standards.

A base plan was created to show the lines, street rights of ways, lot and block designations and record owner names. This plan served as an overlay for the topographic and utility mapping. The base topography was performed by our photogrammetric mapping team member Axis GeoSpatial LLC utilizing a combination of LIDAR and Color digital photography. Additional topographic details were acquired with High Definition Surveying (HDS) consisting of a Leica C-10 Laser Scanner, survey grade RTK GPS, and Robotic Total stations. A primary control network was established along the project route setting permanent inter-visible control points at approximately 500' intervals. A static GPS assignment was performed in the morning and later in the afternoon to compare horizontal and vertical values. Mapping datum was NAD 83, NAVD88, New Jersey State Plane Coordinates, and (NJSPC). Field collected information will be collected and downloaded electronically, processed using AutoCAD Civil 3D. Visible utility structures such as poles, overhead wires, valves manholes, inlets structures were field located and shown on the completed map. Inverts that are accessible will be located and shown with pipe size, type and elevation. A "NJ One-Call" was initiated to have underground and non-visible utilities marked out. The location of these mark outs was surveyed and shown on the final map. Our final plans and report of survey was submitted on time and within budget.

Township of Nutley – Digital Mapping System, Essex County, NJ

One of the major undertakings for the townships re-evaluation process was to take old hand drawn mapping information and create a new digitally compiled mapping system that is based on the New Jersey aerial digital ortho-photography. An overall parcel plan was prepared using existing tax maps and other available plan information. This overall parcel plan was then tied into the NJ state plane coordinate system and rectified to the aerial photography. New digitally prepared tax maps were prepared and approved by the State of new Jersey. This overall mapping base is now used for many land planning exercises. Other duties include boundary and topographic surveys. Subdivision preparation and review of subdivision submissions, deed description reviews and preparation.

Carnegie Center – Telecommunications Surveying, West Windsor, NJ

Pennoni has worked with a Metropolitan Communications Group dating back to 2010 and continues to provide them surveying services such as topographic mapping, boundary surveying, underground utility mapping, easement document and plan preparation and assistance in permitting for newly created underground fiber optic and telecommunications systems. The Metropolitan Communications Group is an Engineering Design firm that specializes in the design and construction of fiber optic and telecommunications systems both aerial and underground.

Malcolm Pirnie, Cornell Dubilier Electronics (CDE) – Superfund Site, South Plainfield, Middlesex County, NJ

The Cornell Dubilier Electronics Site was formerly a production plant for electronic equipment from 1936 thru 1962 that left behind PCB, TCE and other toxic chemical contamination to the buildings, ground water and soil. It was listed by the US EPA as a superfund site in 1997. This heavily improved site consisted of approximately 30 acres. Working with our client, Malcolm Pirnie Inc., our job was to perform a Boundary, Topographic and Utility survey of the facility to aid in the design of the cleanup operation. As the project evolved we also performed underground utility locations based on Geophysical mark outs, ground water monitoring well locations and wetland mapping. Work performed was from 2006 thru 2010. Our Survey personnel were required to have certified OSHA 40hr health and safety training and annual medical monitoring. Plan preparation was performed in an AutoCad 2006 software environment.



Donald J. Lance, PLS

Field Survey Manager

EDUCATION

Diploma, Deptford Township High School (1988)

PROFESSIONAL REGISTRATIONS

Professional Land Surveyor: PA
(#SU057073, exp. 9-30-17)

CERTIFICATIONS/TRAININGS

30-Hr. Construction Industry, OSHA (no exp.)

40-Hr. Hazwoper, OSHA, (no exp.)

Boating Safety (2013, no exp.)

EXPERIENCE SUMMARY

Mr. Lance is a Registered Land Surveyor in the Commonwealth of Pennsylvania, with more than 24 years of experience in providing professional services to government and private industry clients in all phases of surveying services. His responsibilities include coordinating the surveying efforts of multidiscipline projects. He has extensive background in subdivision preparation, outbound and topographic surveys, ALTA/ACSM Land Title Surveys, environmentally sensitive area mapping, and hazardous waste site surveying. Mr. Lance has also provided expertise in GPS, hydrographic and photogrammetric survey tasks.

REPRESENTATIVE PROJECTS

US Army Corps of Engineers Welsbach/General Gas Mantle - Contamination Superfund Site, Camden & Gloucester City, Camden County, NJ

Senior Surveyor - Produced surveys of properties within the target area to be used in the environmental remediation and subsequent engineering designs. Boundary and Topographic surveys as well as Ground Water Monitoring Well locations, soil boring locations, and Utility surveys were performed. Obtained site specific Radiation Orientation Training that included quarterly Radiation exposure monitoring by use of Thermo luminescent Dosimeters, TLD's, that were required to be worn always while on site. Another responsibility included coordinating the effort of our sub consultant that provided Geophysical Surveying for underground utility locations. Surveying activities required that a primary control network be established tied to published Geodetic Control Monumentation. The control datum was relative to the NAD 83, NAVD 88.

Burlington County - Chesterfield Roundabout, Bordentown-Chesterfield Road (C.R. 528) and Old York Road (C.R. 660), Burlington County, NJ

Senior Surveyor - Designed a proposed skewed four-leg roundabout at the intersection of Bordentown-Chesterfield Road (CR 528) and Old York Road (CR 660) on behalf of Burlington County. In February of 2012, Pennoni's Land Surveying technology was called upon to aid in an accident reconstruction survey due to a tragic incident involving a school bus and dump truck. Due to the significance of this event, the information provided by the Pennoni team needed to be of the highest quality of detail. This information was coordinated with the County of Burlington and the accident reconstruction firm *Impact Reconstruction Consultants*. Established a high order survey control network within the area. High Definition Laser Scanning (HDS) was utilized to provide three-dimensional and color imaging. Various variations of plan submissions were produced so that accurate and exhaustive engineering assessments could be made. Immediately thereafter the team provided boundary, right of way, and topographic mapping to the county engineer's office, directed by Mike Nei, County Engineer. This survey and mapping information was the basis for the redesign of the roadway that would eliminate the intersection and add a four-leg roundabout to reduce the potential for future accidents and to aid in general traffic flow. This component to the project also consisted of researching right of way documents and property deeds to accurately delineate public and private property. Final deliverables were submitted in both AutoCAD and Land Desktop, along with written reports of the survey prepared by the licensed land surveyor in charge.

Donald J. Lance, PLS

Field Survey Manager

Apex Environmental, Inc. - Picatinny Arsenal Topographic and Utility Survey, Picatinny, Morris County, NJ

Senior Surveyor - Pennoni performed a topographic and utility survey within an area encompassing approximately 20 acres for new site development. Horizontal Datum was based on NAD 83 Published Geodetic Bench Marks and mapped showing N.J.S.P.C. Data. Vertical Datum was based on the North American Vertical Datum (NAVD 88) and tied into an Acceptable Published Bench Marks. Spot elevations were taken along roads, gutters, curbs, first floor elevations and other significant land features. Spot elevations were taken to the nearest hundredth of a foot (0.01') on hard surfaces and to the nearest one-tenth (0.1') of a foot on grass or earth surfaces. Invert elevations for storm and sanitary sewers on or along the subject property were obtained where accessible. Underground utilities were located. Ten Geotechnical Boring Locations were surveyed and shown on the final plan of survey with associated coordinate and elevation values.

Axis Geospatial - GPS, Princeton, NJ

Senior Surveyor - Pennoni established a horizontal (NJSP NAD83 with the latest HARN Adjustment) and vertical (NAVD88) control network by high-accuracy GPS methods for the 11,000+ acre project. All measurements met or exceeded Federal Geodetic Control Committee (FGCC) specifications for Second Order Class II surveys. Conventional surveying methods were utilized in areas where GPS cannot be used.

Aqualon Company (Hazardous Site) - Topographic mapping, Sayresville, NJ

Senior Surveyor - Topographic mapping, monitoring well, boring, hydropunch and piezometer locations. Site encompasses approximately 800 acres. Worked in OSHA Level "C" and "D" environment.

NJDOT - Interstate Route 295, Mile Market 694+50 to 1164+40, Approx. nine Miles, Camden and Burlington Counties, NJ

Senior Surveyor - Prepared topographic mapping along a nine-mile route of NJ Interstate 295. Base Mapping was photogrammetrically compiled at a scale of 1" = 30'. Detailed cross sections and utility surveys added to this base mapping from GPS and conventional surveying methodology. Locate approved Right-of-Way lines. Establish permanent survey control monumentation along route. Mapping compiled in NAD 83 coordinates, in accordance with National Map Accuracy Standards.

City of Newark - Branch Brook Lake System, Essex County, NJ

Senior Surveyor - Pennoni provided topographic and hydrographic survey data to an architect for a study of three lake systems within Branch Brook Park. This lake system encompasses approximately two miles of lakes and associated stream ways. A survey control network was established and tied to the New Jersey State Plane Coordinate System (NJSPCS NAD 83) and the North American Vertical Datum of 1988 (NAVD 88) for permanent survey control monumentation to be used for future survey missions. Real Time Kinematic GPS (RTK) was employed to relate survey control points. Cross sections of the channel bottoms were taken at pre-determined intervals, significant changes in the lakes cross-section geometry, and at potential waterway obstructions. Ground and Creek bed elevation data was gathered at the location of each lakes cross-section and additional shots taken at significant change in grade using an Innerspace Technology portable hydrographic survey system from a small boat. Section lines along the entire lake system were established. A profile view of each of the sections was prepared and the elevation of top of water, top of silt and the original lake bottom were shown. Topographic Survey data was collected from the edge of the waterway to approx. 50 feet above the edge of lake.

Charles W. Smith, PLS

Plan Preparation & Document Management/Research

EDUCATION

Management Seminar for Project Managers (2002)

Surveyors Safety & Health Seminar, TTI Environmental Inc. (2001)

PROFESSIONAL REGISTRATIONS

Professional Land Surveyor: DE (#560000724. Exp. 6-30-17)

CERTIFICATIONS/TRAININGS

AutoCAD 3-D Survey Essentials, NJSPLS (2013, no exp.)

Creating Business Leadership/Success, NJSPLS (2013, no exp.)

PROFESSIONAL AFFILIATIONS

New Jersey Society of Professional Land Surveyors

EXPERIENCE SUMMARY

Mr. Smith is a Project Surveyor with more than 30 years of experience in Surveying and Site Design services. His past assignments include multi-discipline projects in commercial, industrial and residential development. His survey experience includes ALTA/ACSM Land Title Surveys, photogrammetric mapping, GPS control, subdivisions, construction layout, topographic and hydrographic surveying, sewer, highway, bridge structures and utility as-builts. Mr. Smith's design experience includes site planning, grading, storm and sanitary sewer design and roadway design.

REPRESENTATIVE PROJECTS

Holt Hauling – ALTA/ACSM Land Title Survey, Gloucester City, NJ

Project Surveyor - Prepared an ALTA/ACSM Land Title Survey in accordance with the Minimum Standard Detail Requirements and Classifications for ALTA/ACSM Land Title Surveys 2011. A ground survey was used in obtaining topography of portions of the site.

Liberty Property Trust – Camden Campus, Camden, NJ

Project Surveyor - Prepared an ALTA, Consolidation, Subdivision and Condominium Surveys. For the Camden Waterfront Redevelopment Project. Project consists of multiple office, retail and parking buildings.

SSP Architectural Group – Pemberton/Denbo/Crichton School, Browns Mills, NJ

Project Surveyor - Prepared an ALTA Survey of the 83-acre site, including topography, boundary, wetlands and underground utility location.

Rockaway Township - Rockaway Town Commons, Rockaway Township, NJ

Project Surveyor - Prepared an ALTA/ACSM Land Title Survey in accordance with the Minimum Standard Detail Requirements and Classifications for ALTA/ACSM Land Title Surveys 2011. A ground survey was used in obtaining topography of portions of the site.

Northfield Village – Single Family Lots, West Orange, Essex County, NJ

Lot Designer/Survey Coordinator – Responsible for the 48-acre community. The project consisted of 97 single family lots and various aspects impeding the project, including a running stream, open waters, wetlands, wetlands buffer, buffer reductions and building height variances.

Edison Township - Edison Shopping Center, Middlesex County, NJ

Project Surveyor - Prepared an ALTA/ACSM Land Title Survey for the 22 acres' site, consisting of two parcels. A great amount of deed and right-of-way research was required to properly calculate the boundary. Aerial photogrammetry was used to get topography from this site.

The "Dwell" Complex – Topography/Construction Layout, Cherry Hill, NJ

Project Surveyor - Provided control, existing topography check and construction layout for multi-building apartment complex for the 14 +/- acre site.

Picatinny Arsenal - Topographic and Utility Survey, Picatinny, Morris County, NJ

Project Surveyor - Performed a topographic and utility survey of approximately 20 acres for new site development. Horizontal Datum was based on NAD 83 Published Geodetic Bench Marks and mapped showing N.J.S.P.C. Data. Vertical Datum was based on the North American Vertical Datum (NAVD 88) and tied into an Acceptable Published Bench Marks. Spot elevations were taken along roads, gutters, curbs, first floor elevations and other significant land features. Spot elevations were taken to the nearest 0.01' on hard surfaces



Charles W. Smith, PLS

Plan Preparation & Document Management/Research

and to the nearest 0.1' of a foot on grass or earth surfaces. Invert elevations for storm and sanitary sewers on or along the subject property were obtained where accessible. Underground utilities were located. Ten Geotechnical Boring Locations were surveyed and shown on the final plan of survey with associated coordinate and elevation values.

Township of Moorestown – GPS Control, Topographic Mapping, Moorestown, NJ

Project Surveyor - Provided GPS control, topographic mapping, preparation of tax maps and preparation of associated mapping for the entire Township. GPS horizontal and vertical control based on North American Datum of 1983 (NAD83) and North American Datum of 1988 (NAVD88) was established throughout the Township. Digital aerial photogrammetry compiled at 1" = 100' with a two-foot contour interval serves as a base map. Tax maps for the entire Township were recompiled in a digital format and are in the process of being submitted to the State Department of the Treasury for approvals.

Pureland Industrial Complex – Survey/Construction Stakeout, Bridgeport, NJ

Designer/Surveyor - Provided surveying and construction stakeout services at this 3,000+ acre industrial site. Multiple projects included design of new roads, site plans and layout for over 57 new buildings and for seven building expansions.

Wilton's Corner – Mixed Use, Winslow Township, NJ

Designer/Survey Coordinator – Responsible for the 500-acre community, which included single-family homes, townhouses, retail/office space, community recreational areas and a proposed public school site.

CVS Pharmacy Sites – Site Surveys, Multiple sites in NJ & eastern PA

Project Surveyor - Prepared the boundary and topographic surveys for approximately 40 CVS pharmacy sites. These surveys were used in the site design of the pharmacy projects. Upon completion of the sites an ALTA/ACSM Land Title Survey was performed on each of the sites to aid in the issuance of the Certificate of Occupancy and Usage.

Stockton State College - Comprehensive Environmental Assessment, Pomona, NJ

Project Surveyor - The College required that a comprehensive environmental assessment of the property be prepared including an environmental impact statement, wetland delineations, site utility surveys, topographic mapping and a defined boundary survey along with outbound monumentation. This project required surveying on adjacent properties to be purchased for future expansions and improvements to the College. These adjacent properties accounted for an additional 600 acres, for a total project area of approximately 2,200 acres. The topographic mapping of the College was performed by utilizing Aerial Photogrammetric Mapping. New color photography was used at a negative scale of 1" = 350' to provide a base topographic map of 1"=50' with 1' contour intervals. Supplemental ground surveys were performed to add details such as spot elevations on building floors and entrances, utility locations and associated invert elevations, pipe sizes, and material determination.

Axis Geospatial, Princeton, NJ

Project Surveyor - Established a horizontal (NJSP NAD83 with the latest HARN Adjustment) and vertical (NAVD88) control network by high-accuracy GPS methods for the 11,000+ acre project. All measurements met or exceeded Federal Geodetic Control Committee (FGCC) specifications for Second Order Class II surveys. Conventional surveying methods were utilized in areas where GPS cannot be used.

US Army Corps of Engineers - Welsbach/General Gas Mantle Contamination Superfund Site, Camden & Gloucester City, NJ

Project Surveyor - Produced surveys of properties within the target area to be used in the environmental remediation and subsequent engineering designs. Boundary and topographic surveys and ground water monitoring well locations, soil boring locations, and utility surveys were performed. Mean high and mean low determination was made for properties along Newton Creek. Site surveying personnel had 40-hour health and safety training and eight-hour annual certification refresher training. Obtained site specific Radiation Orientation training that included quarterly radiation exposure monitoring. Responsibilities included coordinating the effort of our sub consultant that provided Geophysical Surveying for underground utility locations. Surveying activities required that a primary control network be established tied to published Geodetic Control Monumentation. The control datum was relative to the NAD 83, NAVD 88. Survey grade GPS, Robotic and conventional Total Stations were used in preparing the field Surveys. Plan preparation was performed in an AutoCAD 2006 software environment



Jason Haynes, LSIT

High Definition Laser Scanning

EDUCATION

Southwest Christian High School (1999)

PROFESSIONAL REGISTRATIONS

Professional Land Surveyor-In-Training:
PA #ST000835 (2009, no exp.)

CERTIFICATIONS

TWIC – Transportation Worker's
Identification Card (exp. 10-11-20)

CPR/AED, American Heart Association,
exp. 3-17-17)

Fire Fighter I, Camden Co. Fire
Academy, NJ Division of Fire Safety
(#183097, exp. 9-29-17)

TRAININGS

ATV Safety, Safety Institute (2013, no
exp.)

CBRNE Awareness & Operations,
Camden Co. Fire Academy (2014, no
exp.)

Incident Management System 100,
Camden Co. Fire Academy (2014, no
exp.)

Incident Management System 200,
Camden Co. Fire Academy (2014, no
exp.)

Fire Safety, NJ (#183097, 2014, no exp.)

RIC Company Response, Camden Co.
Fire Academy (2014, no exp.)

30-Hr. Construction Safety & Health
Outreach, OSHA, Med-Tex (2013, no
exp.)

HAZWOPER, Awareness, Safety &
Operations (2014), no exp.) (not
refresher)

EXPERIENCE SUMMARY

Mr. Haynes has twelve years of experience in providing surveying services to private development and governmental clients. Project experience includes large acre boundary and topographic projects, ALTA/ACSM Land Title Surveys, survey control networks for aerial photogrammetry projects, 3D high definition laser surveying projects, commercial projects, route and topographic surveys for road and utility construction, hydrographic surveys, parcel mapping for public agencies, acquisition surveys for public agencies, GPS surveys for GIS mapping, riparian and wetlands surveys and construction surveying services. Mr. Haynes has performed or coordinated surveys for local, county, state and federal agencies in California, New Jersey and Pennsylvania.

REPRESENTATIVE PROJECTS

NJDOT - NJ State Route 31/3D High Definition Scanning, Topographic & Boundary Survey, Warren County, NJ

Associate Surveyor - Performed topographic survey of various intersections along a 17 mile stretch of Route 31 in Warren County, utilizing HDS methodologies, in support of traffic and civil engineering work for storm water study review, traffic pattern review, and the redesign of the highway to support better traffic flow. This survey incorporated the use of total stations, GPS, and HDS equipment.

Burlington County - Chesterfield Roundabout, Bordentown-Chesterfield Road (C.R. 528) & Old York Road (C.R. 660), Burlington County, NJ

Associate Surveyor - Designed a proposed skewed four-leg roundabout at the intersection of Bordentown-Chesterfield Road (CR 528) and Old York Road (CR 660) on behalf of Burlington County. In February of 2012, Pennoni's Land Surveying technology was called upon to aid in an accident reconstruction survey due to a tragic incident involving a school bus and dump truck. Due to the significance of this event, the information provided by the Pennoni team needed to be of the highest quality of detail. This information was coordinated with the County of Burlington and the accident reconstruction firm *Impact Reconstruction Consultants*. Established a high order survey control network within the area. High Definition Laser Scanning (HDS) was utilized to provide three-dimensional and color imaging. Various variations of plan submissions were produced so that accurate and exhaustive engineering assessments could be made. Immediately thereafter the team provided boundary, right of way, and topographic mapping to the county engineer's office, directed by Mike Nei, County Engineer. This survey and mapping information was the basis for the redesign of the roadway that would eliminate the intersection and add a four-leg roundabout to reduce the potential for future accidents and to aid in general traffic flow. This component to the project also consisted of researching right of way documents and property deeds to accurately delineate public and private property. Final deliverables were submitted in both AutoCAD and Land Desktop, along with written reports of the survey prepared by the licensed land surveyor in charge.

Black and Veatch - Bartlett Substation/3D High Definition Scanning, Topographic & Boundary Survey, Brookhaven, NY

Associate Surveyor - Performed topographic and boundary survey of a quarter mile section for the electrical high tension line utility Right-of-Way corridor leading to the Bartlett Substation in Brookhaven, NY, utilizing HDS methodologies, in support of civil engineering work and the establishment of Right-of-Way lines for property delineation. Final Survey plan



Jason Haynes, LSIT

High Definition Laser Scanning

deliverables and details included topographic plan view of the survey area along with 3D depiction of overhead high tension power lines with the pole and support structures, detailing the wire connection points, and electrical wire sag profile information. This survey incorporated the use of total stations, GPS, and HDS equipment.

Amtrak - Glenn Dale/3D High Definition Scanning, Topographic & Boundary Survey, Glenn Dale, MA

Associate Surveyor - Performed topographic and boundary survey of all the railroad corridor of a one and a half mile section of Amtrak railway corridor in Glenn Dale, PA, utilizing HDS methodologies, in support of civil engineering work and the establishment of railroad Right-of-Way lines for property delineation. Survey plan delineation included topographic plan view of the survey area along with 3D depiction of overhead catenary structures, and electrical wire sag profile information. This survey incorporated the use of total stations, GPS, and HDS equipment. This work required innovative planning to collect survey data in a rail corridor where train traffic exceeds 100mph.

Simon/Livingston Mall – 3D High Definition Scanning (HDS) Topographic Survey, Livingston, NJ

Associate Surveyor - Performed a topographic survey of the exterior sidewalks and walkways, utilizing HDS methodologies, in support of civil engineering work of the existing Simon Properties Livingston Mall for ADA compliance and walkway redesign. This survey incorporated the use of total stations, GPS, and HDS equipment.

Amtrak - Mount Joy/3D High Definition Scanning, Topographic & Boundary Survey, Mount Joy, PA

Associate Surveyor - Performed a topographic and boundary survey of all the railroad corridor of a one and a half mile section of Amtrak railway corridor in Mount Joy, PA, utilizing HDS methodologies, in support of civil engineering work and the establishment of railroad Right-of-Way lines for property delineation. This survey incorporated the use of total stations, GPS, and HDS equipment. This work required innovative planning to collect survey data in a rail corridor where train traffic exceeds 140mph.

SEPTA - 8th and Market Station – 3D High Definition Scanning (HDS) Topographic Survey, Philadelphia, PA

Associate Surveyor - Performed topographic survey of all the walkways, corridors, stairwells, and pedestrian pathways, including street level and subgrade walkways, utilizing HDS methodologies, in support of civil engineering work and pedestrian traffic flow analysis of the existing SEPTA 8th and Market Station, for possible redesign. This survey incorporated the use of total stations, GPS, and HDS equipment.

Amtrak - 30th Street Station - Boundary/Topographic Survey, Philadelphia, PA

Associate Surveyor - Boundary and topographic survey of area between Market Street and Arch Street, from 30th Street to the Schuylkill River to be used as a basis for the design of the 40-story Cira Center Building, utilizing 3D High Definition Laser Scanning.

Philadelphia Naval Shipyard - Topographic Survey, Philadelphia, PA

Associate Surveyor - Topographic surveys for proposed facilities including new tenant buildings and site amenities. Prepared an ALTA/ACSM Land Title Survey and Subdivision and realignment of the former Naval Barracks for PIDC. Easements, Right-of-Way and detailed topographic mapping including utilities.

Borough of West Conshohocken - Boundary/Topographic Survey, Montgomery County, PA

Associate Surveyor - Prepared various topographic, boundary and route surveys for a variety of Borough of West Conshohocken Engineering Projects varying from roadway reconstruction projects that include storm sewers, curbs, sidewalks to parking lots, streetscapes, and neighborhood improvement projects.

Florida Power, Light and Energy - Boundary/Topographic Survey, Marcus Hook, PA

Associate Surveyor - Pennoni performed topographical, boundary, utility, subdivision and ALTA/ACSM Land Title Surveys in support of civil engineering working for the development, civil engineering and related design associated with utility upgrades, utilizing 3D High Definition Laser Scanning.

Stanley C. Magenta

Survey Crew Leader

EDUCATION

AS, Architectural Drafting, American Institute of Drafting (1976)

CERTIFICATIONS

8-Hr. Hazwoper, Refresher, Pennoni (exp. 3-18-17)

First Aid/CPR/AED, American Red Cross (#GRGV7L, exp. 3-20-17)

TRAINING

Fundamental Surveying, Camden County College (1980)

10-HR. Construction Safety & Health, OSHA (2009, no exp.)

EXPERIENCE SUMMARY

Mr. Magenta currently serves as a Survey Crew Chief with more than 30 years of experience in construction and residential surveying, topographic and wetland delineation surveys, and boundary surveys. He is familiar with creating, administering and monitoring survey contracts along with overseeing the daily operations of survey personnel. Mr. Magenta has also trained and supervised college co-op summer work programs.

REPRESENTATIVE PROJECTS

Montebello - Residential Surveying, Camden County, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Estates at Crossroads - Residential Surveying, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Four Seasons at Forest Meadows - Residential Surveying, Gloucester County, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Cherry Hill Towers - Residential Surveying, Cherry Hill, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Whitebridge Village - Residential Surveying, Evesham, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Hidden Creek - Residential Surveying, Glassboro, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Compass Point at the Sanctuary - Residential Surveying, Voorhees, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Highpoint at The Summit - Residential Surveying, Voorhees, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Weygate Woods - Residential Surveying, Voorhees, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Bordentown Affordable Housing - Residential Surveying, Bordentown, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Woodland Glen - Residential Surveying, Gibbsboro, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting.

Stanley C. Magenta

Survey Crew Leader

Hershey's Mill - Residential Surveying, East Goshen, PA

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting

The Summit - Residential Surveying, Voorhees, NJ

Establish outbounds, layout roadways, underground utilities, stormwater management basins, curb, foundation layout, nail pointing and monument setting

Medical Arts Building - Construction Surveying, Randolph, NJ

Survey Crew Chief - Lay-out roadways, utilities, buildings stormwater management basins, curb, steel column layout and as-builts.

Walgreens - Construction Surveying, Turnersville, Vineland, Cherry Hill, NJ

Survey Crew Chief - Lay-out roadways, utilities, buildings stormwater management basins, curb, steel column layout and as-builts.

Pizza Hut and 7-Eleven - Construction Surveying, Evesham Township, NJ

Survey Crew Chief - Lay-out roadways, utilities, buildings stormwater management basins, curb, steel column layout and as-builts.

Viking Yachts - Construction Surveying, Egg Harbor Township, NJ

Survey Crew Chief - Lay-out steel columns, retaining walls, utilities.

Home Depot - Construction Surveying, Berlin, Turnersville and Neptune, NJ

Survey Crew Chief - Layout; roadways, utilities, buildings, stormwater management basins, curbing, steel column layout and as-builts.

Lowes Stores - Construction Surveying, Millville, NJ

Survey Crew Chief - Layout; roadways, utilities, buildings, stormwater management basins, curbing, steel column layout and as-builts.

Target Stores - Construction Surveying, Evesham and Turnersville, NJ

Survey Crew Chief - Layout; roadways, utilities, buildings, stormwater management basins, curbing, steel column layout and as-builts.

Acme Markets - Construction Surveying, Bordentown, Millville, Woodstown, Voorhees, and Pennsville, NJ

Survey Crew Chief - Layout; roadways, utilities, buildings, stormwater management basins, curbing, steel column layout and as-builts.

Walmart - Construction Surveying, Pennsville, NJ

Survey Crew Chief - Layout; roadways, utilities, buildings, stormwater management basins, curbing, steel column layout and as-builts.

Camden County Health Care Services - Construction Surveying, Lakeland, NJ

Survey Crew Chief - Layout; roadways, utilities, buildings, stormwater management basins, curbing, steel column layout and as-builts.

ALTA/ACSM LAND TITLE SURVEYS

VARIOUS LOCATIONS

Survey Crew Chief - Performed surveys of properties in accordance with published ALTA requirements. Duties included deed research, geometric computations and setting of monuments.



James Pollock

Survey Crew Leader

EDUCATION

AA, Building Trades, Gloucester County Vocational School (1985) (2008)

CERTIFICATIONS

8-Hr. Hazardous Waste Training, Refresher, Pennoni (exp. 4-7-17)

First Aid/CPR/AED, American Red Cross (#GRGV7S, exp. 3-30-17)

TRAINING

30-Hr. Construction Safety & Health Outreach, Med-Tex, (2013, no exp)

EXPERIENCE SUMMARY

Mr. Pollock has more than 30 years of experience in providing professional services to governmental, commercial and private industry clients in all phases of surveying. These services include boundary, topographic, GPS, control, hydrographic, route, construction stakeout and ALTA/ACSM Land Title Surveys. Responsibilities include coordinating the surveying party efforts in the field with the office staff in producing the survey product. He has extensive experience in environmentally sensitive area mapping and hazardous waste site surveying.

REPRESENTATIVE PROJECTS

Township of Moorestown – Field GPS Control, Moorestown, NJ

Survey Crew Chief - Performed the field GPS control for the topographic mapping in preparation of tax maps and associated mapping for the entire Township. GPS horizontal and vertical control based on North American Datum of 1983 (NAD83) and North American Datum of 1988 (NAVD88) was established throughout the Township.

Pureland Industrial Complex – Hydrographic/Topographic Survey, Township of Logan, NJ

Survey Crew Chief - Performed hydrographic and topographic surveying services for industrial complex encompassing over 3,000 acres.

Township of Winslow – Residential and Commercial Subdivision, Winslow Township, NJ

Survey Crew Chief - Preparation and supervision of 2100 unit residential and commercial subdivision. Project included outbound, aerial photogrammetric and wetland control surveying. Permit application and planning board submission.

Township of Logan – Topographic/Hydrographic Survey, NJ

Survey Crew Chief - Performed Topographic, hydrographic, wetlands, and subdivision services for industrial complex encompassing over 3,000 acres.

East Whiteland Township - Valley Crossings/Geotechnical Survey, Chester County, PA

Survey Crew Chief - Performed Geotechnical type survey including stake out of soil boring locations throughout a proposed single family housing development for 500 homes.

Chesterfield Townhouse Development - Survey, Westtown, PA

Survey Crew Chief - Performed Outbounds, topographical surveying and layout.

Stratford Borough - University of Medicine & Dentistry, Stratford Borough, NJ

Survey Crew Chief - Performed Boundary survey, topographic mapping, and construction stake of extensive on-site and off-site road improvements.

Hydraulic Beach Renourishment, Sea Isle City, NJ

Survey Crew Chief - Provided hydrographic and land surveying for a 2.2-mile beach replenishment project. This project began in fall 2011 and was completed winter 2012. Duties included monitoring and surveying of the dredge borrow areas, and pre- and post- surveying along the beach areas from dune line to wading depth in the surf. In-water crews utilized dry-suits with class I PDF's, strobe light and airhorn protection, and PLBs. Extreme safety planning was conducted for in-water activities. Additional sections were taken offshore via a hydrographic vessel. Upon completion of marine surveying exercises the data was mapped in both plan and profile format and volumetric determinations in report form. Some of the equipment used included an Innerspace model 456 single beam sounding unit mated to Leica 1200 GPS (RTK/ DGPS) both on-vessel and for terrestrial applications, Topcon Robotic Total Stations and 32x Automatic levels. Mapping was prepared utilizing both HY Pack MAX R and Auto-CAD 2009 software.

James Pollock

Survey Crew Leader

Hydraulic Beach Renourishment, Strathmere, NJ

Survey Crew Chief - Provided hydrographic and land surveying for a 2.5-mile beach replenishment project. This project began in fall 2011 and was completed winter 2012. Duties included monitoring and surveying of the dredge borrow areas, and pre- and post-surveying along the beach areas from dune line to wading depth in the surf. In-water crews utilized dry-suits with class I PDF's, strobe light and airhorn protection, and PLBs. Extreme safety planning was conducted for in-water activities. Additional sections were taken offshore via a hydrographic vessel. Upon completion of marine surveying exercises the data was mapped in both plan and profile format and volumetric determinations in report form. Some of the equipment used included an Innerspace model 456 single beam sounding unit mated to Leica 1200 GPS (RTK/ DGPS) both on-vessel and for terrestrial applications, Topcon Robotic Total Stations and 32x automatic levels. Mapping was prepared utilizing both HY Pack MAX R and Auto-CAD 2009 software.

Former U.S. Military Reservation at Oldmans Creek, Hydrographic Survey, Pedricktown, NJ

Survey Crew Chief - Provided a Hydrographic Survey in accordance with the US Army Corp of Engineers "Hydrographic Surveying Standards" "Manual# 1110-2-1003 dated April 01, 2004". The Hydrographic surveying employed an Innerspace Technology Model 456 portable hydrographic survey system. This unit is designed to collect hydrographic data directly from our 20' Hydrographic Surveying Vessel. This system is Windows XP based and consists of an ITI model 456xp dual frequency survey sounder, ITI datalog with guidance (DLWG-XP) and a DGPS/RTK receiver. The Software used is HYPACK (R) Max. The Hydrographic surveying was conducted on a 20'by 20' grid over an area of approximately 3000'. Upon completion of the Survey a plan and report was prepared and sent to our client signed by a licensed NJ Professional Land Surveyor.

Delaware River Joint Toll Bridge Commission, I-80 Open Road Tolling

Survey Crew Chief - Provided a construction stakeout for A.P. Construction and the Delaware River Joint Toll Bridge Commission to provide the location of Sign Structures, E-Z Pass Signs and Barrier locations. Sign structures were staked on an offset to the centerline with a cut/fill grade to the top of concrete elevation. The EZ Pass Sign locations were to be staked on an offset to the centerline with a cut/fill grade to the top of concrete elevation. The Barriers were to be staked on an offset at end points, angle points and at 25' intervals. A cut/fill grade was provided to the top of the proposed barrier elevation.

Louis Berger Group - Bound Brook/Cornell Dubilier Superfund Site, South Plainfield, NJ

Survey Crew Chief - Provided the locations of the transects and cross-sections for the Louis Berger Group. In planning a horizontal and vertical control network to be established along roads that generally parallel Bound Brook, temporary Benchmarks were established near the approved access points and where Bound Brook crossed any road along the stream corridor since. This control network consisted of GPS observations, conventional surveying and differential leveling in establishing the North American Datum of 1983 (NAD83) and the National Geodetic Vertical Control Datum of 1929 (NGVD29), the datums to be used for the deliverables. Transects were established at approximate five-hundred (500) foot intervals perpendicular to the existing channel and marked in the field using stakes with flagging on both banks.

Rollins Environmental Services (Hazardous Site), Logan Township, NJ

Survey Crew Chief - Performed the field work for an ALTA/ACSM Land Title Survey in accordance with the minimum standard detail requirements and classifications for ALTA/ACSM Land Title Surveys and monitored well, boring and piezometer locations.

Aqualon Company -Stake-out/Water Filtration Line, Parlin, NJ

Survey Crew Chief - Performed stake-out for proposed water filtration line for a magnetometer analysis searching for unexploded ordnance.

Aqualon Company - (Hazardous Site), Sayresville, NJ

Survey Crew Chief - Performed Topographic mapping, monitoring well, boring, hydropunch and piezometer locations. Site encompasses approximately 800 acres. Worked in OSHA Level C and D environment.

Penn Central Properties - (Hazardous Site), Northern NJ

Survey Crew Chief - Performed Topographic and boundary surveying for various sites located in New Jersey and Pennsylvania.



Jeffrey Weber

Survey Crew Leader

EDUCATION

Coursework: Marketing, University of Arkansas (2 yrs.)

CERTIFICATIONS

8-Hr. Hazwoper Refresher, Pennoni Institute (exp. 4-7-17)

First Aid/CPR/AED, American Red Cross, (#GRGV7Z, exp. 3-20-17)

30-Hr. Construction Health & Safety Outreach (2013, no exp.)

TRAINING

ATV Safety, (2013, no exp.)

PROFESSIONAL AFFILIATIONS

New Jersey Society of Professional Land Surveyors

EXPERIENCE SUMMARY

Mr. Weber has over 20 years' experience in Land Surveying and Management for governmental, commercial and private clients. He has extensive background in subdivision preparation, outbound and topographic surveys, environmentally sensitive area mapping, hazardous waste site surveying, data collection, along with AutoCAD computer experience for relative surveying matters.

REPRESENTATIVE PROJECTS

Wilton's Corner – Residential Development, Winslow Township, NJ

Survey Crew Chief - Out bounds, topographic and layout of 1200-unit development.

K. Hovnanian Companies - Residential Development, NJ and PA

Survey Crew Chief - Out bounds, topographic and layout for various residential developments in NJ and PA.

Hydraulic Beach Renourishment, Strathmere, NJ

Survey Crew Chief - Provided hydrographic and land surveying for a 2.5-mile beach replenishment project. This project began in fall 2011 and was completed winter 2012. Duties included monitoring and surveying of the dredge borrow areas, and pre- and post- surveying along the beach areas from dune line to wading depth in the surf. In-water crews utilized dry-suits with class I PDF's, strobe light and airhorn protection, and PLBs. Extreme safety planning was conducted for in-water activities. Additional sections were taken offshore via a hydrographic vessel. Upon completion of marine surveying exercises the data was mapped in both plan and profile format and volumetric determinations in report form. Some of the equipment used included an Innerspace model 456 single beam sounding unit mated to Leica 1200 GPS (RTK/ DGPS) both on-vessel and for terrestrial applications, Topcon Robotic Total Stations and 32x automatic levels. Mapping was prepared utilizing both HY Pack MAX R and Auto-CAD 2009 software.

Delaware River Joint Toll Bridge Commission, I-80 Open Road Tolling

Survey Crew Chief - Provided a construction stakeout for A.P. Construction and the Delaware River Joint Toll Bridge Commission to provide the location of Sign Structures, E-Z Pass Signs and Barrier locations. Sign structures were staked on an offset to the centerline with a cut/fill grade to the top of concrete elevation. The EZ Pass Sign locations were be staked on an offset to the centerline with a cut/fill grade to the top of concrete elevation. The Barriers were be staked on an offset at end points, angle points and at 25' intervals. A cut/fill grade was provided to the top of the proposed barrier elevation.

Philadelphia Phillies - Citizen's Bank Park, Philadelphia PA

Survey Crew Chief - new ballpark, a \$350 million 1,100,000-square foot facility with seating for 43,000, management offices, restaurants, concession buildings, and parking for 9,000 visitors. Services included site boundary, topographic and utilities surveys for the 100-acre site north of Pattison Avenue.

Allenwood Federal Correctional Facility- Boundary/Topographic Survey, Union County, PA

Survey Crew Chief - Performed control, boundary and topographic surveying for a major expansion to the existing correction facility. Global Positioning System (GPS) points were established along with conventional surveying in establishing control for approximately 1,100 acres to be surveyed. This methodology was required due to time constraints for providing topography for design.

Jeffrey Weber

Survey Crew Leader

Louis Berger Group - Bound Brook/Cornell Dubilier Superfund Site, South Plainfield, NJ

Survey Crew Chief - Provided the locations of the transects and cross-sections for the Louis Berger Group. In planning a horizontal and vertical control network to be established along roads that generally parallel Bound Brook, temporary Benchmarks were established near the approved access points and where Bound Brook crossed any road along the stream corridor since. This control network consisted of GPS observations, conventional surveying and differential leveling in establishing the North American Datum of 1983 (NAD83) and the National Geodetic Vertical Control Datum of 1929 (NGVD29), the datums to be used for the deliverables. Transects were established at approximate five-hundred (500) foot intervals perpendicular to the existing channel and marked in the field using stakes with flagging on both banks.

Rollins Environmental Services (Hazardous Site), Logan Township, NJ

Survey Crew Chief - Performed the field work for an ALTA/ACSM Land Title Survey in accordance with the minimum standard detail requirements and classifications for ALTA/ACSM Land Title Surveys and monitored well, boring and piezometer locations.

Township of Moorestown - Field GPS Control, Moorestown, NJ

Survey Crew Chief - Performed the field GPS control for the topographic mapping in preparation of tax maps and associated mapping for the entire Township. GPS horizontal and vertical control based on North American Datum of 1983 (NAD83) and North American Datum of 1988 (NAVD88) was established throughout the Township.

Pureland Industrial Complex - Hydrographic/Topographic Survey, Township of Logan, NJ

Survey Crew Chief - Performed hydrographic and topographic surveying services for industrial complex encompassing over 3,000 acres.

Gloucester County, NJ/City of Chester - Commodore Barry Bridge, Logan Township, NJ and Delaware County, PA

Survey Crew Chief - Provided Topographic and Hydrographic Survey data to AP Construction for a study of the bed of the Delaware River along the centerline of the bridge, from shoreline to shoreline. The purpose of this Surveying effort was to establish survey controls and to position the placement of Two Stone Protective Islands around the Center Bridge Piers. The schedule for this project began in March of 2009 and will continue until the spring of 2010. A survey control network was established and tied to the New Jersey and Pennsylvania State Plane Coordinate System (NAD 83) and the North American Vertical Datum of 1988 (NAVD 88). This control network established using Static GPS sessions established locations for permanent survey control monumentation to be used for future survey missions. Real Time Kinematic GPS (RTK) was employed to relate survey control points for the project. Surveyed cross sections of the river bottom were taken at pre-determined intervals, significant changes in the rivers cross-section geometry, and at potential waterway obstructions. Ground and riverbed elevation data was gathered at the location of each cross-section and additional shots were taken at each significant change in grade. Vertical Datum was relative to Mean Sea Level, (MSL), NAVD 88 and horizontal Datum was NJ SPCS NAD 83.

NJ Interstate Route 295, Mile Marker 694+50 to 1164-40, approximately 9 Miles, Camden and Burlington Counties, NJ

Survey Crew Chief - Established permanent survey control monumentation for topographic mapping along a 9-mile route of NJ Interstate 295. Base Mapping was photogrammetrically compiled at a scale of 1" = 30'. Detailed cross sections and utility surveys added to this base mapping from GPS and conventional surveying methodology. Locate approved Right-of-Way lines. Mapping compiled in NAD 83 coordinates, in accordance with National Map Accuracy Standards.

Stockton College - Topographic survey, Pomona NJ

Survey Crew Chief - Topographic survey for the 2,000 +/- acre project. Established vertical control utilizing Global Positioning System (GPS) tying into multiple established published benchmarks.

Atlantic County Utilities Authority - Outbound and topographic survey, Egg Harbor Township, NJ

Survey Crew Chief - Outbound and topographic survey of 300+ acre limited use landfill.

Casino Reinvestment Development Authority - Surveys, Atlantic City, NJ

Survey Crew Chief - Preparation of surveys for various parcels for the Atlantic City Gateway Corridor project.



Thomas J. Rafter, Jr.

CADD Technician/Research Assistant

EDUCATION

BA, Geographic Information Systems; Temple University (1998)

Coursework: Architectural Studies

CERTIFICATIONS/TRAININGS

Transportation Worker Identification Card (TWIC, exp. 8-31-20)

10-Hr. Construction Safety & Health, OSHA (2016, no exp.)

AutoCAD Civil 3D Practical Applications, PSLS (2017, no exp.)

EXPERIENCE SUMMARY

Mr. Rafter is an Associate Surveyor in the Land Surveying department in our Philadelphia, PA office. He has 12 years of experience providing surveying services to private development and governmental clients. His Land Surveying experience was gained from a mixture of field and office work. He has completed deed research, performed boundary analysis and determination for boundary surveys, completed consolidation and subdivision plans. He is also experienced in topographic surveys and construction layout/stakeout.

Mr. Rafter has experience in High Definition Laser Scanning (HDLS) Technologies, including Post processing, registration and 2D and 3D workflows. He has an expansive knowledge of drafting and plan production principles and workflows. Oversees the QA/QC of survey plan deliverables. Currently assists Licensed Surveyors and Engineers in preparing 2D Survey and Engineering plans using Autodesk Civil 3D 2012 & 2015. Prepares 3D models using HDLS data using several industry mediums and software packages.

REPRESENTATIVE PROJECTS

SEPTA - 8th street Corridor/PTCS, Philadelphia, PA

Associate Surveyor - Responsible for project coordination, preparation and delivery of an HDLS survey and 2D Model Plan of Concourse Areas. Services included HDLS survey and 2d Structural identifying existing structures and utilities. Provided point cloud data to client. 11/16 – 01/17

SEPTA - Susquehanna Dauphin Accessibility, Philadelphia, PA

Associate Surveyor - Responsible for coordination, preparation and delivery of an HDLS survey and Civil 3d model of Platform level of Pay and Free Areas including service closets, restrooms and mechanical room facilities. 3D Modeling of Interior Ceiling utility conduit and structures. Street level Existing conditions and ADA Ramp survey. Structural Boring Stakeout and Profile and Section view preparation for Platform level designs.

SHOP Architects – Brandywine Realty Trust/ Lower 30th Street Structural Study, Philadelphia, PA

Associate Surveyor - Responsible for coordination, preparation and delivery of an HDLS survey documenting structural members of Lower 30th Street in Philadelphia, Pa. Prepared 3D model of underside of Upper 30th Street decking and structural slab.

SEPTA - Concourse Survey Ph 2, Philadelphia, PA

Associate Surveyor - 2D & 3D Topographic Models of underground transportation concourse utilizing 3D High Definition Laser Scanning.

SHOP Architects - Brandywine Realty Trust/Drexel Innovation Neighborhood, Philadelphia, PA

Associate Surveyor - Boundary and topographic survey of area between Chestnut Street and John F. Kennedy Boulevard and from 30th Street to 33rd Street. ALTA/ACSM land Title Survey of portions of same site. GPR and boring Stakeout locations. Compilation of topping slab thickness and depths of structural slab using GPR Technology.

Thomas J. Rafter, Jr.

CADD Technician/Research Assistant

Philadelphia Industrial Development Corporation/CSX/Amtrak - South Botanic Avenue Subdivision Plan, Philadelphia, PA

Associate Surveyor - Responsible for coordination, preparation and delivery of ALT/NSPS Land Title Survey. Coordinated with surrounding property owners, and compiled historic plans and property information for Lot Consolidation and Subdivision Plan Submissions to Philadelphia Industrial Development Corporation for city approval

SEPTA - Chestnut Hill Station, Philadelphia, PA

Associate Surveyor - Responsible for coordination, preparation and delivery of an HDLS survey and topographic survey, street level survey, concourse level survey and Rail survey. Services included HDLS survey and Topographic model detailing the Rail yard, catenary wire survey and surrounding streets, with higher level of detail for all retaining walls. Total HDLS survey area was approximately 3 acres.

SEPTA - Fernrock Station, Philadelphia, PA

Associate Surveyor - Responsible for coordination, preparation and delivery of an HDLS survey and topographic survey, street level survey, concourse level survey and Rail survey. Services included HDLS survey and Topographic model detailing the Rail yard, catenary wire survey and surrounding streets. Total HDLS survey area was approximately 5 acres.

SEPTA - Woodland Avenue Bridge Philadelphia, PA

Survey Technician - Responsible for coordination, preparation and delivery of an HDLS Bridge/Rail survey and topographic survey, street level survey and Rail level survey. Services included HDLS survey and Topographic model detailing the Woodland Avenue bridge, Regional Rail line, catenary wire survey and surrounding streets and buildings. Total HDLS survey area was approximately 15 acres.

University of Pennsylvania - Penn Pedestrian Bridge, Philadelphia, PA

Survey Technician - Responsible for coordination, preparation and delivery of an HDLS Bridge survey and topographic survey. Services included HDLS survey and Topographic model detailing the Bridge and surrounding topographic features. Total HDLS survey area was approximately 10 acres.

SEPTA - - Philmont Station, Philadelphia, PA

Survey Technician - Responsible for coordination, preparation and delivery of an HDLS survey and topographic survey, street level survey, concourse level survey and Rail survey. Services included HDLS survey and Topographic model detailing the Rail yard, catenary wire survey and surrounding streets. Total HDLS survey area was approximately 10 acres.

SEPTA - Crum Creek Bridge, Philadelphia, PA

Survey Technician - Responsible for coordination, preparation and delivery of an HDLS Bridge/Rail survey and topographic survey, Rail level survey. Services included HDLS survey and Topographic model detailing the Crum Creek Viaduct Bridge, catenary wire survey and surrounding topographic features. Total HDLS survey area was approximately 15 acres with 1,000' long bridge that was 110' high.

SEPTA - 35th and Allegheny Bus Stop, Philadelphia, PA

Survey Technician - Responsible for coordination, preparation and delivery of an HDLS survey and Civil 3d model of the Bus turn around lot and structure. Services included HDLS survey and 3D model detailing the bus lot, and all adjoining streets and homes. Total HDLS survey area was approximately 4.5 acres.

The Children's Hospital of Philadelphia - Schuylkill Avenue Master Plan, Philadelphia, PA

Survey Technician - Tasked with the compilation of various source material for the creation of overall site plan. Plans included Boundary and Topographic Survey of Area from Schuylkill Avenue for South Street to Christian Street and West to Schuylkill River. Research and compilation of extensive underground utility plans.

Jonathan M. Sever

CADD Technician/Research Assistant

EDUCATION

AS, Liberal Arts (Graphic Design, Fine and Performing Arts); Cumberland County College

AS, Engineering Technology (Auto CAD Drafting); Cumberland County College

Completed 95% of the Pre-Engineering Program at Cumberland County College

Currently Enrolled, NJIT, Civil Engineering Technology Land Surveying Program; Gloucester County College

PROFESSIONAL AFFILIATIONS

New Jersey Society of Professional Land Surveyors, Cumberland-Salem Chapter

Mid-Atlantic Chapter of the Urban & Regional Information Systems Association

US Institute of Building Documentation

HONORS/AWARDS

New Jersey Society of Professional Land Surveyors award of Merit for the Carmody Memorial Map contest

1st. Place Large Lot Survey (2002/2005)

2nd Place Small Lot Survey (2002/04/05)

1st. Place Topographic Survey (2003,06)

1st. Place Small Lot Survey (2005)

1st. Place Planning Zoning (2006)

1st. Place Miscellaneous Maps (2007)

2nd Place Miscellaneous Maps (2005)

2nd Place Construction Survey (2007)

New Jersey Division of Parks/Forestry, Volunteer of the year (2004)

EXPERIENCE SUMMARY

Mr. Sever is a Project Manager whose responsibilities over the past 18 years have included High Definition Laser Scanning (HDLS), Land Surveying, Land Development and Structural/Mechanical design that encompasses the coordination and design of projects from less than an acre to larger than 10,000 acres. Currently Mr. Sever is one of two High Definition Laser Scanning (HDLS) Leads at Pennoni. In this current role, he is tasked with developing processes and procedures for HDLS office and field tasks inside of Pennoni. He oversees the QA/QC of HDLS products and is directly involved from the proposal stage through planning of the job, to deliverable of the scanning project.

While performing his duties under the supervision of the engineers and land surveyors, Mr. Sever has gained a varied knowledge of traditional Civil Engineering and Land Surveying practices. Much of his experience includes project management, client consultation, designing and drafting all forms of major/minor subdivisions for commercial and industrial clients, major and minor site plans, highway design and conceptual plans. Additional duties include, research and resolution of final property lines, post processing of raw field data; legal description writing and drafting of all types of large and small lot surveys, topographic surveys including final plats and wetland delineation plans. His survey field experience consists of Crew Chief, Rod Man and Instrument Man.

Additionally, Mr. Sever has structural and mechanical experience that includes, designing and drafting hazardous waste containment structures, lube oil systems, fuel systems, structural foundations for various residential and industrial structures, elevated wooden walks/bridges and docks. Mr. Sever also has experience in Geographic Information Systems (GIS) which includes project management, client consultation, research, design & implementation. His duties as a GIS specialist included the research of the various data sets needed to build a dynamic GIS database, compiling the data into a GIS system and manipulating the data to generate a graphical map or a report. Additional duties he has performed included Graphic design layouts for corporate marketing departments, maintenance of various websites and color renderings for court exhibits and/or planning board exhibits. Moreover, Mr. Sever mentors and provides training to outside clients and in house staff on HDLS processes and procedures. Much of his HDLS experience is for Government agencies, Industrial and commercial clients that involve large Chemical, Petroleum and Structural Projects that require HDLS and 3D modeling. He oversees traditional Land surveying utilizing HDLS data collection methods for site specific topographic surveys, underground tunnels and structure surveys, transportation structures and building surveys, which include mechanical, electrical and plumbing surveys.

REPRESENTATIVE PROJECTS

New Jersey Conservation Foundation & N.J.D.E.P. - Land Survey Services, Green Acres Program, Burlington County, NJ

Project Surveyor - Responsible for project coordination, preparation and delivery of a boundary survey for the former A. R. Demarco Cranberry Farm. This project encompassed all 9,800 acres of land owned and farmed by A. R. Demarco Enterprises in Woodland Bass River and Tabernacle Townships, Burlington County. Services included compilation of field information from multiple survey crews using standard and GPS survey equipment, deed research at the Burlington County Court House as well as the Survey Generals office of the West Jersey Proprietors in New Jersey. Survey control for State plane datum was set using NGS monumentation and GPS equipment. Additionally, the project contract required the submission to meet the N.J.D.E.P. requirements for The Green Acres Program.

Jonathan M. Sever

CADD Technician/Research Assistant

Flower Time Development - Land Development, Millville, NJ

Conceptual Design Team Leader - Responsible for the general development plan (GDP) which included project coordination and land development design of a 550+ acre Luxury Home, Luxury Condominiums, Golf Course and Retail Development comprised of nearly 2,500 individual residential units. Design requirements included provisions for the proposed extension of a major connector road with a new signalized entrance from State Highway 49. Additional Design concepts included passive and active recreation area's which included parks, golf course, hiking trails, and pool facilities.

Chatfield Estates - Land Development, Millville, NJ

Conceptual Design Team Leader - Responsible for the general development plan (GDP) which included project coordination and land development design of a 316+ acre Luxury Home, Luxury Condominiums comprised of nearly 900 individual residential units. Design requirements included provisions for the proposed construction of a minor connector road from State Highway 49. Additional Design concepts included passive and active recreation area's which included parks, hiking trails, and pool facilities.

Halka Farms - Land Survey Services, Cumberland County, NJ

Senior Survey Technician - Responsible for coordination, preparation and delivery of various Boundary Surveys of approximately 800 acres for State Agricultural Development Committee. Services included compilation of field information from multiple survey crews using standard and GPS survey equipment, deed research, boundary resolution and area calculations for tidal water areas. Survey control for State plane datum was set using NGS monumentation and GPS equipment. Additionally, the project contract required the submission to meet the N.J.D.E.P. requirements for The Green Acres Program-State Agricultural Development Committee.

Wildwood Water Works, The Conservation Fund - Land Survey Services, Middle Township, NJ

Senior Survey Technician - Responsible for coordination, preparation and delivery of Various Boundary Surveys of approximately 350 acres for the Conservation Fund and U.S.D.A. Services included compilation of field information from multiple survey crews using standard and GPS survey equipment, deed research, boundary resolution and area calculations for tidal water areas and fresh water lake. Survey control for State plane datum was set using NGS monumentation and GPS equipment. Additionally, the project contract required the submission to meet the N.J.D.E.P. requirements for The Green Acres Program.

The Nature Conservancy - Land Survey Services Lummis Preserve, Lawrence Township, NJ

Senior Survey Technician - Responsible for coordination, preparation and delivery of various Boundary Surveys of approximately 300 acres for The Nature Conservancy. Services included compilation of field information from multiple survey crews using standard and GPS survey equipment, deed research, boundary resolution and area calculations. Survey control for State plane datum was set using NGS monumentation and GPS equipment. Additionally, the project contract required the submission to meet the N.J.D.E.P. requirements for The Green Acres Program.

NJDEP Green Acres Program, Egg Holding Property - Land Survey Services, Burlington County, NJ

Senior Survey Technician - Responsible for coordination, preparation and delivery of various Boundary Surveys of approximately 500 acres for The Green Acres Program. Services included compilation of field information from multiple survey crews using standard and GPS survey equipment, deed research, boundary resolution and area calculations. Survey control for State plane datum was set using NGS monumentation and GPS equipment. Additionally, the project contract required the submission to meet the N.J.D.E.P. requirements for The Green Acres Program

NJDEP Green Acres Program & Natural Lands Trust - Land Survey Services, Cumberland County, NJ

Senior Survey Technician - Responsible for coordination, preparation and delivery of various Boundary Surveys of approximately 600 acres for The Green Acres Program & Natural Lands Trust in Downe Township and Commercial Township, Cumberland County. Services included compilation of field information from multiple survey crews using standard and GPS survey equipment, deed research, boundary resolution and area calculations. Survey control for State plane datum was set using NGS monumentation and GPS equipment. Additionally, the project contract required the submission to meet the N.J.D.E.P. requirements for The Green Acres Program.



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Dennis S. DiBlasio, PLS, PP

TITLE Principal-in-Charge

FIRM Pennoni Associates Inc.

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
DuPont Duhernal Site, ALTA/ NSPS Land Title Survey and NJDEP Green Acres Property Submission, Middlesex County, NJ, Fee: \$145K	Dupont Staff	ALTA/NSPS Land Title Survey	Principal-in-Charge	6	20	Feb. 2015-Dec. 2016	Borough of Sayreville, Mr. Wayne A. Kronowski, Treasurer/CFO, 732-390-7000
HOPE Manor & Riverside Apartment Sites, ALTA/NSPS Land Title Surveys, New Brunswick, NJ, Fee: \$15K	None	ALTA/ NSPS land Title Survey	Principal-in-Charge	1	6	Feb. 2013 -Feb. 2014	The Community Builders, Lauren E. Hauck, 646-374-4755
Ocean Front Surveying, Monmouth County, NJ, Fee: \$39K	Thompson Design Group	Topographical and boundary mapping	Principal-in-Charge	7	10	2013-2014	City of Long Branch, David Spaulding, Purchasing Agent, 732-222-7000
Digital Mapping System, Essex County, NJ, Fee: \$38K	None	New digitally compiled mapping system based on the NJ aerial digital ortho-photography	Principal-in-Charge	3	8	2010-Current	Township of Nutley, Salvatore Ferraro, 973-284-4958
Telecommunications Surveying, West Windsor, NJ, Fee: \$5K	Metropolitan Communication Group	Topographic mapping, boundary surveying, underground utility mapping, easement document/plan preparation, & permitting assistance	Principal-in-Charge	6	7	2009-2016	Carnegie Center, Shawn Perrin, Metropolitan Communication Group, 610-420-3211
Cornell Dubilier Electronics (CDE)-Superfund Site, South Plainfield, Middlesex County, NJ, Fee \$70K	US Army Corp of Engineers	Boundary, Topographic and Utility survey	Principal-in-Charge	12	7	2009-2012	Malcolm Pimie, Dennis McGrath, 914-694-2100
Fire Island New York Post Storm Restoration, Long Island, NY, Fee: \$75K	US army Corp of Engineers/NYDOT	Hydrographic Survey for the restoration of the Fire Island Inlet/beach replenishment	Principal-in-Charge	6	10	Dec. 2012-Oct. 2013	Norfolk Dredging Company, Paul Lovehood/Mike Haverly, 757-547-9391

* 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 Donald J. Lance, PLS

TITLE Field Survey Manager

FIRM Pennoni Associates Inc.

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
Contamination Superfund Site, Camden & Gloucester City, Camden County, NJ, Fee: \$85K	U.S.A.C.E.	Boundary and Topographic surveys as well as Ground Water Monitoring Well locations, soil boring locations, and Utility surveys	Senior Surveyor	24	10	2010-2013	Malcom Pime Welsbach/General Gas Mantle, Dennis McGrath, 914-694-2100
Chesterfield Roundabout, Bordentown-Chesterfield Road (C.R. 528) and Old York Road (C.R. 660), Burlington County, NJ, Fee: \$45K	Pennoni	Accident reconstruction survey, provided boundary, right of way, and topographic mapping	Senior Surveyor	12	15	2014	Burlington County, NJ, Mike Nei, 856-642-3720
Picatinny Arsenal Topographic and Utility Survey, Picatinny, Morris County, NJ, Fee: \$17K	US Army	Topographic and utility survey	Senior Surveyor	2	10	2013	Apex Environmental, Inc., 740-543-4389
GPS, Princeton, NJ, Fee: \$11K	City of Princeton	Horizontal and vertical control network by high-accuracy GPS methods and conventional surveying	Senior Surveyor	2	10	2013	Axis Geospatial, Justin Lahman, 410-822-1441
Hazardous Site Topographic mapping, Sayresville, NJ, Fee: \$39K	Hercules Industries	Topographic mapping	Senior Surveyor	24	10	2010-2012	Aqualon Company, Sam Poku, 732-254-1234
Interstate Route 295, Mile Market 694+50 to 1164+40, Camden and Burlington Counties, NJ, Fee: \$45K	McCormick Taylor	Topographic mapping	Senior Surveyor	12	10	2009-2010	NJDOT, Robert DiCroce, 856-793-0800
Branch Brook Lake System, Essex County, NJ, Fee: \$25K	ARUP	Topographic and hydrographic survey	Senior Surveyor	6	10	2010	City of Newark, Dossu Kassimou, 973-273-1040

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Charles W. Smith, PLS

TITLE Plan Preparation & Document Management/Research

FIRM Pennoni Associates Inc.

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
ALTA/ACSM Land Title Survey, Gloucester City, NJ, Fee: \$24K	Holt Hauling	ALTA/ACSM Land Title Survey	Project Surveyor	1/2	90	Mar. 2016-April 2016	
Camden Campus, Camden, NJ, Fee: \$60K	Pennoni-Joe Raday	ALTA, Consolidation, Subdivision and Condominium Surveys	Project Surveyor	12	25	Mar. 2016-Feb. 2017	
Pemberton/Denbo/Cricht on School, Browns Mills, NJ, Fee: \$35K	Pennoni- Chad Gaulrapp SSP Architectural Group	ALTA Survey- including topography, boundary, wetlands and underground utility location	Project Surveyor	2	40	Aug. 2015-Oct. 2015	
Rockaway Town Commons, Rockaway Township, NJ, Fee: \$15K	Pennoni- Todd Hay	ALTA/ACSM Land Title Survey	Project Surveyor	1/2	10	2010	
Single Family Lots, West Orange, Essex County, NJ, Fee \$80K	Pennoni- Todd Hay		Lot Designer/Survey Coordinator	84	3	2010-2017	
Edison Shopping Center, Middlesex County, NJ, Fee: 18K	Garden Commercial	ALTA/ACSM Land Title Survey	Project Surveyor	2	25	July 2011- Sept. 2011	
The "Dwell" Complex, Cherry Hill, NJ, Fee: \$18K	Bolier (Eng) Design Plans	Topography/Constructio n Layout	Project Surveyor	24	10	2011-2013	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Jason Haynes

TITLE High Definition Laser Scanning

FIRM Pennoni Associates Inc.

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
NJ State Route 311/3D High Definition Scanning, Topographic & Boundary Survey, Warren County, NJ, Fee: \$40K	Pennoni	Topographic survey using HDS methodologies	Associate Surveyor	4	50	Sept. 2016-Dec. 2016	
Chesterfield Roundabout, Bordentown-Chesterfield Road (C.R. 528) & Old York Road (C.R. 660), Burlington County, NJ, Fee: \$40K	Pennoni	Accident reconstruction survey- HDS Laser Scanning, boundary, right of way, and topographic mapping	Associate Surveyor	3	75	Feb. 2016-Oct. 2016	
Bartlett Substation, Brookhaven, NY, Fee: 18K	Black & Leach	3D High Definition Scanning, Topographic & Boundary Survey	Associate Surveyor	1	50	Sept. 2016	
Glenn Dale Amtrak, Glenn Dale, MA, Fee: \$48K	Amtrak	3D High Definition Scanning, Topographic & Boundary Survey	Associate Surveyor	1	50	Sept. 2016	
Livingston Mall, Livingston, NJ, Fee: \$42K	Pennoni	3D High Definition Scanning (HDS) Topographic Survey	Associate Surveyor	1	25	Oct. 2016	
Mount Joy Amtrak, Mount Joy, PA, Fee: \$60K	Amtrak	3D High Definition Scanning, Topographic & Boundary Survey	Associate Surveyor	1	50	Nov. 2016	
8th and Market Station, Philadelphia, PA, Fee: \$28K	SEPTA	3D High Definition Scanning (HDS) Topographic Survey	Associate Surveyor	2	75	Dec. 2015 and April 2016	

* 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 Stanley C. Magenta

TITLE Survey Crew Leader

FIRM Pennoni Associates Inc.

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
Montebello, Camden County, NJ, Constr. Cost: \$15M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	24	10	2012-2014	
Estates at Crossroads, NJ, Constr. Cost: \$20M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	24	15	2010-2012	
Four Seasons at Forest Meadows, Gloucester County, NJ, Constr. Cost: \$18M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	24	10	2010-2012	
Cherry Hill Towers, Cherry Hill, NJ, Constr. Cost: \$4M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	4	10	2012-2014	
Whitebridge Village, Evesham, NJ, Constr. Cost: \$7M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	12	10	2010-2012	
Home Depot, Neptune, NJ, Constr. Cost: \$25M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	12	10	2000	
Compass Point at the Sanctuary, Voorhees, NJ, Constr. Cost: \$10M	GS Winters Associates PE	Boundary/Topographic Surveying	Survey Crew Chief	12	10	2011	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME James W. Pollock

TITLE Survey Crew Leader

FIRM Pennoni Associates Inc.

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
Township of Moorestown – Field GPS Control, Moorestown, NJ, Fee: \$22K	Pennoni	Field GPS control for the topographic mapping	Survey Crew Chief	36	10	2005-2010	
Pureland Industrial Complex – Hydrographic/Topographic Survey, Township of Logan, NJ, Fee: \$18K	Pennoni	Hydrographic/Topographic Survey	Survey Crew Chief	48	10	2006-2011	
Township of Winslow – Residential and Commercial Subdivision, Winslow Township, NJ, Fee: \$12K	Pennoni	Aerial photogrammetric and wetland control surveying	Survey Crew Chief	24	10	2009-2010	
Township of Logan - Topographic/Hydrographic Survey, NJ, Fee: \$16K	Pennoni	Topographic, hydrographic, wetlands, and subdivision services	Survey Crew Chief	12	10	2010-2011	
Valley Crossings/ Geotechnical Survey, Chester County, PA, Fee: \$15K	Pennoni	Geotechnical type survey	Survey Crew Chief	12	10	2012	
Chesterfield Townhouse Development - Survey, Westtown, PA, Fee: \$17K	Pennoni	Outbounds, topographical surveying and layout	Survey Crew Chief	12	10	2010	
University of Medicine & Dentistry, Stratford Borough, NJ, Fee: \$19K	Unknown	Boundary survey, topographic mapping, and construction stake-out	Survey Crew Chief	2	40	2006	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Jeffrey Weber

TITLE Survey Crew Leader

FIRM Pennoni Associates Inc.

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
Wilton's Corner – Residential Development, Winslow Township, NJ, Fee: \$60K	Pennoni	Out bounds, topographic and layout	Survey Crew Chief	48	20	1995-2003	
Residential Development, NJ and PA, Fee: \$60K	Varies	Out bounds, topographic and layout	Survey Crew Chief	48	20	2002-2006	
Hydraulic Beach Renourishment, Strathmere, NJ, Fee: \$65K	USACE	Hydrographic and land surveying	Survey Crew Chief	12	50	2012-2013	
Delaware River Joint Toll Bridge Commission, I-80 Open Road Tolling, NJ and PA, Fee: \$38K	PennDOT/NJDOT	Construction stakeout	Survey Crew Chief	4	50	2012	
Citizen's Bank Park, Philadelphia, PA, Fee: \$39K	Pennoni	Site boundary, topographic and utilities surveys	Survey Crew Chief	4	40	2012	
Allenwood Federal Correctional Facility, Union County, PA, Fee: \$18K	State of Pennsylvania	Boundary/Topographic Survey	Survey Crew Chief	4	40	2000	
Bound Brook/Cornell Dubilier Superfund Site, South Plainfield, NJ, Fee: \$75K	Louis Berger Group	GPS observations, conventional surveying and differential leveling	Survey Crew Chief	36	20	2013-Current	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Thomas J. Rafter, Jr.

TITLE CADD Technician/Research Assistant

FIRM Pennoni Associates Inc.

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
Susquehanna Dauphin Accessibility Broad Street Subway, Philadelphia, PA, Fee: \$1.1M	Southeastern Pennsylvania Transportation Authority Staff	High Definition Laser Scanning	Associate Surveyor	15	5	Nov. 2015-Present	
Drexel Innovation Neighborhood, University City, Philadelphia, PA, Fee: \$500K	Brandywine Realty Trust SHOP Architects	ALTA/NSPS Land Title Survey	Associate Surveyor	24	5	Sept. 2015-Present	
S. 49th St Botanic Ave Subdivision Plan, ALTA/NSPS Land Title Survey, Philadelphia, PA, Fee: \$250K	Philadelphia Industrial Development Corporation	ALTA/NSPS Land Title Survey. Lot Consolidation and Subdivision Submission	Associate Surveyor	24	10	Apr. 2015-Apr. 2016	
8th Street Corridor – PTC5, Philadelphia, PA, Survey Fee: \$33K	Southeastern Pennsylvania Transportation Authority Staff	High Definition Laser Scanning	Associate Surveyor/HDLS Survey Technician	2	10	Nov. 2016-Jan. 2017	
Lower 30th Street Structural Member Modeling, Philadelphia, PA, Survey Fee: \$25K	Brandywine Realty Trust SHOP Architects	High Definition Laser Scanning	Associate Surveyor/HDLS Survey Technician	2	10	Apr. 2016-June 2016	
Schuylkill Avenue Master Plan, Philadelphia, PA, Fee: \$985K	The Children's Hospital of Philadelphia	Existing Conditions, Utility and Outbounds Survey	Survey Technician	Ongoing	5	Oct. 2013-Jan. 2017	
Woodland Avenue Bridge Replacement, Philadelphia PA, Fee: \$1.2M	Southeastern Pennsylvania Transportation Authority Staff	High Definition Laser Scanning /Existing Conditions & Outbounds Survey	Survey Technician	12	10	Mar. 2014-Apr. 2015	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Jonathan M. Sever

TITLE CADD Technician/Research Assistant

FIRM Pennon Associates Inc.

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
Halka Farms - Land Survey Services, Cumberland County, NJ, Fee: \$12K	NJDEP Green Acres Program	Boundary surveys	Senior Survey Technician	2	25	2012	
Wildwood Water Works, The Conservation Fund - Land Survey Services, Middle Township, NJ, Fee: \$7,500	The Conservation Fund	Green Acres Survey	Project Surveyor	4	25	2012	
NJDEP Green Acres Program & Natural Lands Trust- Land Survey Services, Cumberland County, NJ, Fee: \$7,800	NJDEP Green Acres Program	Green Acres Survey	Project Surveyor	3	20	2012	
NJDEP Green Acres Program, Egg Holding Property - Land Survey Services, Burlington County, NJ, Fee: \$6,200	NJDEP Green Acres Program	Green Acres Survey	Project Surveyor	3	25	2012	
Trust for Public Lands, Land Survey Services, Ocean County, NJ, Fee: \$6,500	NJDEP Green Acres Program	Green Acres Survey	Project Surveyor	3	25	2012	
PSE&G & the Francis Corp. Land Surveying Services, Cumberland County, NJ, Fee: \$7,200	NJDEP Green Acres Program	Green Acres Survey	Project Surveyor	3	25	2012	
Hance Bridge Road Topographic Route Survey, Cumberland County, NJ, Fee: \$4,500	NJDEP Green Acres Program	Green Acres Survey	Project Surveyor	3	25	2012	

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FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT	
		SURVEY SERVICES	HOURLY WAGE LEVEL 1-7
Pennoni Associates Inc.	Dennis S. DiBlasio, PLS, PP, Principal-in-Charge	40	7
Pennoni Associates Inc.	Donald J. Lance, PLS, Field Survey Manager	50	5
Pennoni Associates Inc.	Charles W. Smith, PLS, Plan Preparation and Document Management/Research	50	5
Pennoni Associates Inc.	Jason Haynes, LSIT, High Definition Laser Scanning	50	5
Pennoni Associates Inc.	Stanley C. Magenta, Survey Crew Leader	60	4
Pennoni Associates Inc.	James W. Pollock, Survey Crew Leader	60	4
Pennoni Associates Inc.	Jeffrey Weber, Survey Crew Leader	60	4
Pennoni Associates Inc.	Thomas J. Rafter, Jr., CADD Technician/Research Assistant	60	3
Pennoni Associates Inc.	Jonathan M. Sever, CADD Technician/Research Assistant	60	3

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

Project Approach

Pennoni understands that the Department of Treasury, Division of Property Management and Construction (DPMC) is looking for a New Jersey professional surveying firm to prepare "Acquisition Surveys" of 76 residential properties located in the Borough of South River, Middlesex County, NJ. The surveying effort for this project will be performed in accordance with the "Green Acres, Farmland, Blue Acres Program". This NJDEP program was created to acquire lands that have been damaged or may be prone to damage from storms in coastal areas of the State also referred to as the "NJDEP Superstorm Sandy Blue Acres Buyout Program".

Surveying for this project will be conducted in accordance with your Scope of Work as defined in your request for proposal dated November 23, 2016 and will comply with the NJDEP Green Acres/Blue Acres Survey Section.

Pennoni will use the latest technology such as High Definition Laser Scanning, HDS, both Leica C-10 and Faro Focus, Leica 1200 Robotic field instruments, LIDAR technology if required and AutoCAD civil 3D Cad technology. Upon completion of our surveying assignment we will issue a calibration report to document the reliability of the data from our field measurements. We intend on having three fully equipped field crews ready for this assignment and an inside staff to confirm the project schedule is met and to cope with unforeseen obstacles.

Our highest priority is Safety. Prior to work being performed, a project specific safety plan will be established. This safety plan will take in to account field conditions, traffic, working in highly congested areas, contracting equipment, and other potential issues that would be of concern. This plan will be submitted to you for review so that all parties of interest agree with this plan. Adjustments to this safety plan will be made based on input from you prior to implementation of this program.

A "tool box talk" session will be conducted at the start of each work day and the issues discussed will be documented. We intend to meet with your assigned team members at the onset of this project to discuss priorities, policies and to confirm proper protocol is followed.

We will conduct an inventory of local documents and plans that may be available. After we have collected and cataloged these documents we will procure through the local boroughs offices and the County recorder of deeds office additional information to aid in our final boundary determination. Our field surveys will take place after the deed and filed plan protraction has begun. Field work will be scheduled the following day with your assigned staff.

Surveying data will be tied to the New Jersey State Plane Coordinate System, NAD 83. These values will be noted on each of the final plans to be delivered with precision of 0.01' for property corners. Locations of existing property monumentation will be conducted along with the associated locations of site improvements including buildings, fences, walks, roadways, and visible utilities.

This surveying will be conducted to conform with the N.J.A.C. 13:40-5.1- "Preparation of Land Surveys" and the State of New Jersey. D.E.P. **Green Acres Program** Standard Detail Requirements, July 01, 2013. We understand that an estimated 200 corner makers will be set upon completion of the boundary surveying to include 80 concrete monuments and 120 capped iron pins. A digital photographic library will be part of our file system and will be part of the submission process along with a Surveyors Certification Summary Form will be prepared for each property.

We intend to conduct milestone meetings as the project evolves to keep all parties up to date of our progress and to discuss issues that may be of importance to the Department of Property Management and Construction and local officials. Pennoni understands the requirements and challenges associated with managing and delivering to you our final plans and reports on or before 90 days from our formal notice to proceed.



Project Schedule

Milestone	Weeks/Duration											
	1	2	3	4	5	6	7	8	9	10	11	12
Consultant Begins	X											
1. Project Team kickoff meeting												
2. Meet with Client												
3. Assemble local deed plan information												
4. Borough and County Deed and Plan Research												
5. Protract deed Plan information												
6. Begin Field Surveys												
7. Assessment of Deed and Plan Information												
8. Assessment of Field Survey Information												
9. Meet with Client to update project status												
10. Set Property Corners that are required at this time												
11. Final Plan Preparation – Review Green Acres requirements												
12. Finalize Photo library												
13. Finalize Surveyors Certification & Summary												
14. Submit Final plans and documents directly to County												

Narrative

Below is an explanation of the tasks and the techniques we plan to use to meet or reduce the proposed schedule.

1. Project team meeting. Assign assignments, responsibilities, QA /QC expectations, Milestones. Prepare site specific safety plan and procedures. Submit safety plan to client for their review and comments.
2. Introduction with client. Introduce key team members. Review safety plan and procedures. Determine chain of command and protocol. Listen for Clients expectations to ensure Pennoni understands needs and expectations.
3. Meet with local parties to collect necessary and pertinent data.
4. Begin research in the County recorder deeds office.
5. Begin deed plotting and filed plan plotting to look for property boundary closures and gaps /gores in title.
6. Field Surveyors begin property boundary locations. Meet with Client to assure proper protocol is being followed.
7. Review pertinent data for boundary determination and plan preparation.
8. Review field boundary survey information. Check math and closures of field work.
9. Meeting with Client to assess progress and to discuss unforeseen issues.



10. Final property corners that are needed at this time. Discuss with client for approval of where corners are to be set and what type should be set.
11. Finalize plan of survey review. QA/ QC for completeness and compliance with NJ DEP Green Acres requirements.
12. Finalize photo library.
13. Finalize survey report and summary.
14. Submit plans and documents directly to client. Review all documents to give client a full understanding of how the work was prepared, discuss any conflicts that were incurred and how we made final resolution. Assess any clients concerns or comments. Respond to any concerns or comments and make sure full client satisfaction has been achieved.

Reasons why and how we can complete this project in the time frame proposed

Pennoni is committed to complete this project on time, within budget, and of the quality the County expects for the following reasons:

- We have the required field and office staff and additional staff at the ready to ensure the work is done on time and to assist in the event of unforeseen circumstances such as inclement weather, equipment or vehicles breakdowns, or personal conflicts.
- We can add to the team individuals with different technical capabilities if the need arises.
- Our personnel in our southern NJ and NY offices can assist the effort if needed.
- We are committed to work off hours, overtime and weekends if required.





State of New Jersey

DEPARTMENT OF THE TREASURY

DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

P. O. Box 034

TRENTON, NEW JERSEY 08625-0034

CHRIS CHRISTIE
Governor

FORD M. SCUDDER
State Treasurer

KIM GUADAGNO
Lt. Governor

CHRISTOPHER CHIANESE
Director

TELEPHONE (609) 292-5229 / FACSIMILE (609) 777-1970

DATE: January 25, 2017

TO: Remington & Vernick
T&M Associates
Fralinger Engineering, PA
Land Dimensions Engineering
Suburban Consulting Engineering, Inc.
Hanson Professional Services, Inc.
Pennoni Associates, Inc.
Dante Guzzi Engineering Associates LLC
Princeton Junction Engineering, PC
Mountain View Layout Service, Inc.
Duffy, Dolcy, McManus & Roesch
Johnson, Mirmiran & Thompson, Inc.
Najarian Associates
ACT Engineering, Inc.
Paulus, Sokolowski & Sartor LLC

FROM: Richard M. Ferrara, Assistant Deputy Director
Contracts & Procurement Unit

SUBJECT: Addendum "A" dated January 25, 2017
Project P1150-00, Boundary Survey for Land Acquisition – Various Parcels
Borough of South River, NJ – Middlesex County

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: Shawn Taylor
P.O. Box 034
Trenton, NJ 08625-0034
Fax #: (609) 777-1970
Email: shawn.taylor@treas.nj.gov

1/25/17
Date Received

PENNONI
Firm Name

Address

Signature
V.P.

Title

Addendum "A"
Project P1150-00
Boundary Survey for Land Acquisition
Various Parcels, Borough of South River, Middlesex County, NJ
January 25, 2017

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.

Reminders:

1. **Proposals are due no later than 2:00 PM on February 9, 2017**
2. Please note that in Section II, Consultant Qualifications, A. of the Scope of Work (SOW), Consultant & Sub-Consultant Pre-Qualifications provides the pre-qualification requirements necessary to be considered for this project. This section clearly states in part that the consulting firm "... have in-house capabilities or Sub-Consultants pre-qualified with DPMC in all other Architectural, Engineering and Specialty Disciplines necessary to complete the project as described in this Scope of Work (SOW). This information is also reiterated in the RFP. **Proposals received with non-DPMC prequalified Consultants/Sub-Consultants will not be considered.**

Responses to Consultant's Questions

Princeton Junction Engineering, PC

1. Will the electronic data files for the surveys of the previously acquired lots be made available to the successful bidder?
 - The electronic files of properties which have been acquired will be made available to the successful bidder.
2. Have the property corners for the previously acquired parcels been set?
 - Corner markers have not been set. Demolition is not complete for all of the properties acquired.

END OF ADDENDUM "A"



STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: PENNONI ASSOCIATES, INC.
ADDRESS: 515 GROVE STREET, SUITE 1B
HADDON HEIGHTS, NJ 08035

☐ INITIAL ☐ REVISED ☒ RENEWAL

DATE OF ISSUE: DECEMBER 2, 2015
EXPIRATION DATE: NOVEMBER 30, 2017
FEDERAL ID NUMBER: 231 168 429

☐ MBE ☐ WBE ☐ SBE ☐ VOB

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

<input type="checkbox"/> ARCHITECTURE		<input type="checkbox"/> ROOFING CONSULTANT	
<input checked="" type="checkbox"/> ELECTRICAL ENGINEERING	15 MILLION	<input type="checkbox"/> ACOUSTICS	
<input checked="" type="checkbox"/> HVAC ENGINEERING	15 MILLION	<input checked="" type="checkbox"/> ASBESTOS DESIGN	NA
<input checked="" type="checkbox"/> PLUMBING ENGINEERING	15 MILLION	<input checked="" type="checkbox"/> ASBESTOS SAFETY MONITORING	NA
<input checked="" type="checkbox"/> CIVIL ENGINEERING	UNLIMITED	<input type="checkbox"/> CLAIMS ANALYSIS	
<input checked="" type="checkbox"/> SANITARY ENGINEERING	3 MILLION	<input type="checkbox"/> TELECOMMUNICATIONS	
<input checked="" type="checkbox"/> STRUCTURAL ENGINEERING	25 MILLION	<input type="checkbox"/> EXHIBIT INTERPRETATIVE DESIGN	
<input type="checkbox"/> MECH. ENG. (ELEV., CONVEYORS, ETC.)		<input checked="" type="checkbox"/> FEASIBILITY PLANNING	UNLIMITED
<input checked="" type="checkbox"/> SOILS ENGINEERING	3 MILLION	<input type="checkbox"/> FIRE DETECTION SYSTEMS	
<input checked="" type="checkbox"/> FIRE PROTECTION ENGINEERING	15 MILLION	<input type="checkbox"/> FIRE PROTECTION SYSTEMS	
<input checked="" type="checkbox"/> ENVIRONMENTAL ENGINEERING	5 MILLION	<input type="checkbox"/> FOOD SERVICE	
<input type="checkbox"/> MARINE ENGINEERING		<input type="checkbox"/> HYDRAULICS/PNEUMATICS	
<input type="checkbox"/> LANDSCAPE DESIGN		<input checked="" type="checkbox"/> HYDROLOGY	NA
<input checked="" type="checkbox"/> PLANNING	UNLIMITED	<input type="checkbox"/> SECURITY SYSTEMS	
<input checked="" type="checkbox"/> LAND SURVEYING	NA	<input checked="" type="checkbox"/> SITE PLANNING	UNLIMITED
<input type="checkbox"/> AERIAL SURVEYING		<input type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	
<input checked="" type="checkbox"/> HYDROGRAPHIC SURVEYING	NA	<input type="checkbox"/> ENERGY AUDITING	
<input type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS		<input type="checkbox"/> TRAFFIC	
<input type="checkbox"/> BUILDING COMMISSIONING		<input checked="" type="checkbox"/> TRANSPORTATION	3 MILLION
<input type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.		<input checked="" type="checkbox"/> WASTE/WATER TREATMENT	\$500,000
<input checked="" type="checkbox"/> DAM/LEEVE DESIGN	\$500,000	<input type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	
<input checked="" type="checkbox"/> BARRIER FREE/ADA DESIGN	\$350,000	<input type="checkbox"/> RENEWABLE ENERGY CONSULTANT	
<input type="checkbox"/> ESTIMATING/COST ANALYSIS		<input checked="" type="checkbox"/> CONSTRUCTION FIELD INSPECTION	UNLIMITED
<input type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING		<input type="checkbox"/> PROJECT MANAGEMENT	
<input type="checkbox"/> ROOFING INSPECTION		<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input type="checkbox"/> CONSTRUCTION MANAGEMENT		<input type="checkbox"/> STORAGE TANK REMOVAL	
<input type="checkbox"/> CPM		<input checked="" type="checkbox"/> STORAGE TANK INSTALLATION	NA
<input type="checkbox"/> ARCHAEOLOGY		<input type="checkbox"/> PERIMETER SECURITY FENCING	
<input checked="" type="checkbox"/> GEOLOGY	NA	<input checked="" type="checkbox"/> INDOOR AIR QUALITY TESTING	NA
<input type="checkbox"/> VALUE ENGINEERING		<input checked="" type="checkbox"/> LANDFILL CLOSURE	NA
<input type="checkbox"/> HISTORIC PRESERVATION RESTORATION		<input checked="" type="checkbox"/> LEAD PAINT EVALUATION	NA

PREPARED BY:

Pamela Sullivan
PAMELA SULLIVAN
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodmand
RICHARD S. FLODMAND
DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.



State of New Jersey

DEPARTMENT OF THE TREASURY

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P. O. Box 034

TRENTON, NEW JERSEY 08625-0034

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Lt. Governor

CHRISTOPHER CHIANESE
Director

TELEPHONE (609) 292-5229 / FACSIMILE (609) 777-1970

DATE: February 8, 2017

TO: Remington & Vernick
T&M Associates
Fralinger Engineering, PA
Land Dimensions Engineering
Suburban Consulting Engineering, Inc.
Hanson Professional Services, Inc.
Pennoni Associates, Inc.
Dante Guzzi Engineering Associates LLC
Princeton Junction Engineering, PC
Mountain View Layout Service, Inc.
Duffy, Dotcy, McManus & Roesch
Johnson, Mirmiran & Thompson, Inc.
Najarian Associates
ACT Engineering, Inc.
Paulus, Sokolowski & Sartor LLC

FROM: Richard M. Ferrara, Assistant Deputy Director
Contracts & Procurement Unit

SUBJECT: Addendum "B" dated February 8, 2017
Project P1150-00, Boundary Survey for Land Acquisition – Various Parcels
Borough of South River, NJ – Middlesex County

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: Shawn Taylor
P.O. Box 034
Trenton, NJ 08625-0034
Fax #: (609) 777-1970
Email: shawn.taylor@treas.nj.gov

2-08-2017
Date Received

PENNONI ASSOCIATES, INC.
Firm Name

24 COMMERCE ST., SUITE 300
Address

NEWARK, NJ 07102
Signature

V.P.
Title

Addendum "B"
Project P1150-00
Boundary Survey for Land Acquisition
Various Parcels, Borough of South River, Middlesex County, NJ
February 8, 2017

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.

- *Due to the forecast for a winter storm, the due date for proposals is extended to February 14, 2017.*

END OF ADDENDUM "B"

A handwritten signature in black ink, appearing to be a stylized 'D' or 'B' with a flourish.

Public Law 2005, Chapter 92
Formerly: Executive Order 129

SOURCE DISCLOSURE CERTIFICATION FORM

Bidder: Pennoni Associates 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>
Pennoni Associates Inc.	Surveying Services	United States

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: Pennoni Associates Inc.
[Name of Organization or Entity]

By: 

Print Name: Peter J. Coote

Title: Secretary

Date: January 27, 2017