



Technical Proposal

ORIGINAL

Submitted to:

**Department Of The Treasury Division Of Property Management & Construction
Contracts & Procurement Unit**

DPMC Project No. P1201-00

Survey Service Requirements for Acquisition & Site Specific Stabilization

Various Parcels

Downe Township, Cumberland County, NJ



Submitted by:

**Maser Consulting P.A.
2000 Midlantic Drive, Suite 100
Mount Laurel, NJ 08054
856.797.0412**



Technical Proposal
DPMC Project No. P1201-00

Section (a)
Cover Letter and Firm/Project Team Experience



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

2000 Midlantic Drive, Suite 100
Mount Laurel, NJ 08054
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F: 856.722.1120
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August 26, 2019

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

RFP **DPMC Project No. P1201-00**
Survey Service Requirements for Acquisitions & Site-Specific Stabilization
Various Parcels
Downe Township, Cumberland County, NJ
MC Proposal No. 19002453P

Dear Mr. Taylor:

Maser Consulting P.A. is an award-winning firm with a team of experienced professionals who have been providing professional land surveying services to municipal, federal, and local government agencies, as well as both public and private sector clients since 1984, throughout various municipalities across New Jersey and other states. Our firm takes great pride in our work, and we are pleased to have the opportunity to submit our qualifications to provide Land Surveying Services for Various Parcels Downe Township, Cumberland County, NJ.

Maser Consulting is a multi-disciplined organization supported by a large and diverse Land Survey Department. Our professional survey team includes the following:

- **NJDEP Green Acres and DPMC Qualified Firm**
- Sussex County & Burlington County Farm Preservation Survey Qualified
- 250 survey staff including 12 NJ Licensed Professional Land Surveyors
- 80 Field Crews with OSHA safety training and other certifications.
- State-of-the-Art GPS, Robotic and Laser Scanning Equipment

Below is a list of projects with similar experience along with the same for our subconsultant.

Similar Projects:

- Downe Township Blue Acres Surveys (45 Lots)/NJDEP – 2017/2018
- Lawrence Township Blue Acres Surveys (55 Lots)/NJDEP – 2016
- Bear Swamp Green Acres Survey (414 acres)/Trust for Public Land-2015
- New Jersey PREM Post-Sandy Survey – 2013
- Harrison Avenue Landfill Survey - 2017



Attn: Shawn Taylor
Department of Treasury
DPMC Project No. P1201-00
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August 26, 2019
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As you review our submittal, we hope that you will find our firm possesses the specific expertise and capabilities that the DPMC is currently seeking.

Maser Consulting is dedicated to providing the highest quality surveying services to DPMC. We hope you will see we have the experience and resources to get any project completed on schedule and according to the required standards. If you require further information, please contact me at (856) 797-0412 ext. 4130 or via email at mburns@maserconsulting.com

Sincerely,
MASER CONSULTING P.A.

A handwritten signature in black ink, appearing to read 'Michael F. Burns'.

Michael F. Burns, PLS - Senior Principal
Professional Land Survey, Licensed: NJ, PA, DE, VA,
WV, CT, MD, NC & WASH. D.C.

MFB/zpb

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NJDEP Blue Acres Downe Township

Downe Township, Cumberland County, NJ



Project Highlights

Client:

CDM Smith
110 Fieldcrest Avenue #8
Edison, NJ 08837

Contact:

Dana Boyadjian, Project Manager

Phone:

732.590.4711

Consulting Value:

\$87,000

Completion:

2017

Project Description

Maser Consulting performed property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes.

Our surveyors also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line were established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

Services Provided

- Land Survey
- Hydrographic Survey

Lawrence Township Blue Acres Surveys

Lawrence Township, Cumberland County, NJ



Project Highlights

Client:

CDM Smith, Inc.
110 Fieldcrest Avenue, Suite 8
Edison, NJ 08837

Contact:

Warren J. Newman, Jr., PE

Phone:

732.590.4583

Consulting Value:

\$112,000

Completion:

2016

Project Description

Provided surveying services to perform property boundary surveys for 50 lots along the Delaware Bay that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline.

In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line was established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

Services Provided

- Land Survey

Bear Swamp Green Acres Survey

Tabernacle and Southampton Townships, Burlington County, NJ



Project Highlights

Client:

Trust for Public Land
20 Community Place, Suite 7
Morristown, NJ 07960

Contact:

Kathy Haake

Phone:

973.292.1100 ext. 115

Consulting Value:

\$47,800

Completion:

2016

Project Description

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acre line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary



Services Provided

- Land Survey

New Jersey RREM Post-Sandy Surveys

Atlantic, Monmouth, and Ocean Counties, NJ



Project Highlights

Client:

URS Group, Inc.
1255 Broad Street, Suite 201
Clifton, NJ 07013

Contact:

Eric Bodnar, PE, Project Manager

Phone:

973.883.8500

Consulting Value:

\$175,000

Completion:

2013

Project Description

Provided land survey services and elevation surveying for the State of New Jersey's Reconstruction, Rehabilitation, Elevation, and Mitigation (RREM) Program in Atlantic, Monmouth, and Ocean counties, following the destruction of Superstorm Sandy. \$600 million in federal funds were allocated to help eligible primary homeowners repair or rebuild their Sandy-impacted homes, and the RREM program was designed to *fill the gap* between the cost of repairs and other funds homeowners had received to repair their homes and to comply with requirements for structures located in flood plains.

Maser Consulting professionals provided surveys including boundary, topographic features, and flood elevations, and the work encompassed properties within Special Flood Hazard areas. Our land survey team performed over 100 surveys in a three-week period during the fall of 2013.



Services Provided

- Land Survey
- Flood Elevation Certificates

Harrison Avenue Landfill Survey

City of Camden, Camden County, NJ



Project Highlights

Client:

NJDEP/CDM Smith Inc.
110 Fieldcrest Avenue #8
Edison, NJ 08837

Contact:

Dana Boyadjian, Project Manager

Phone:

732 590 4711

Consulting Value:

\$64,000

Completion:

2017

Project Description

The City of Camden is receiving a \$25 million allocation from the New Jersey Department of Environmental Protection (NJDEP) to transform the Harrison Avenue landfill into a waterfront park. Upon completion, visitors and neighborhood residents will have access to the Camden waterfront for the first time in 70 years, where the Philadelphia skyline will be visible.

As part of this effort, Maser Consulting performed various surveying services on-site as part of its three year contract as the Statewide Programmatic Surveyor. Our surveyors performed a topographic survey, wetlands survey, tree survey, and tide gage survey on the 60-acre site. A combination of aerial mapping and on-the-ground topo was used to complete the survey. The final deliverable included a plan in AutoCAD on NAD83 horizontal datum and NAVD88 vertical datum.

Services Provided

- Land Survey

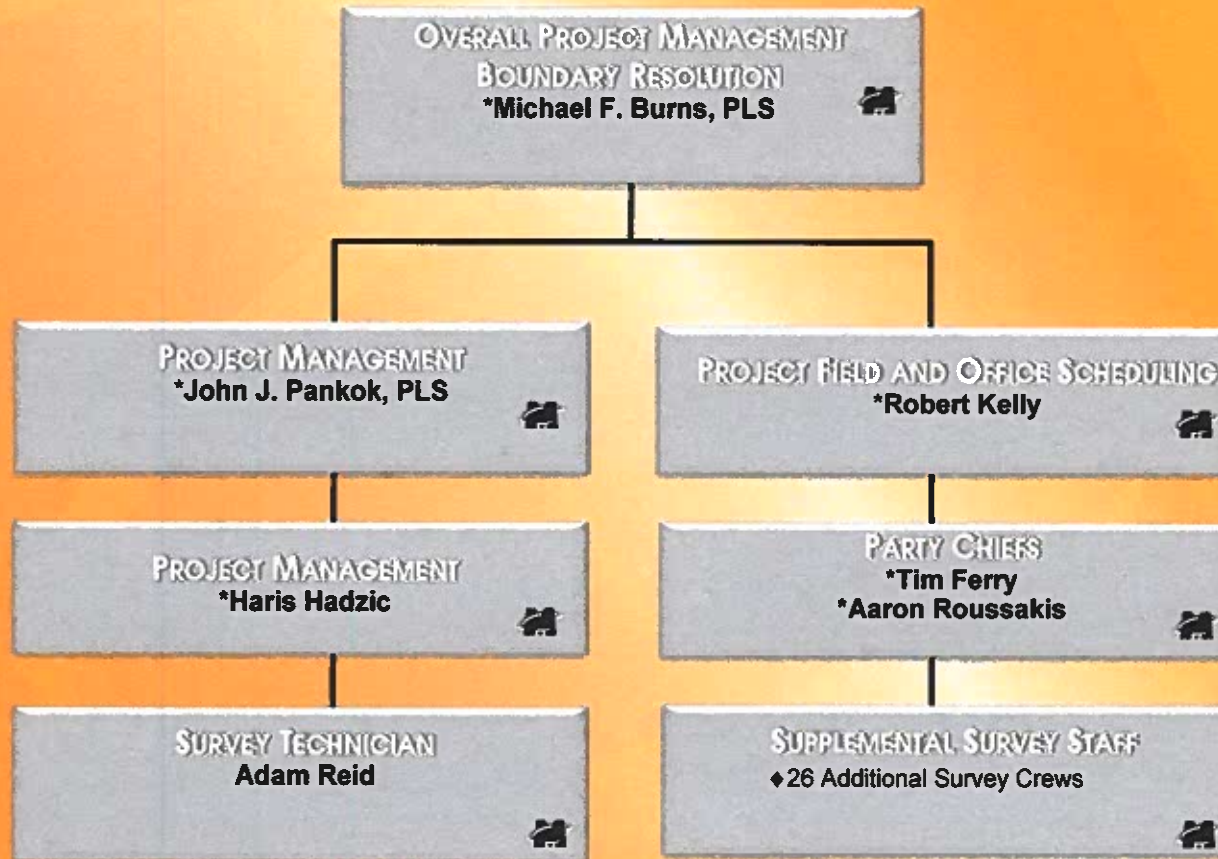


Technical Proposal
DPMC Project No. P1201-00

Section (b)
Organization Chart

NJ DPMC RFP NO. P1201-00
NJ DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION (DPMC)

ORGANIZATION CHART





Technical Proposal
DPMC Project No. P1201-00

Section (c)
Resumes of Key Team Members

MICHAEL F. BURNS, PLS

Senior Principal/Department Manager/Survey

EDUCATION

- B.S. Business Administration, Thomas Edison State College, 2005
- Civil Engineering Coursework, Drexel University, 1980
- NJSPLS Surveyors Conference (Various Surveying Seminars Annually from 1986 to Present)
- GPS Surveying – Trimble Navigation (Various Seminars 1990 thru 1999)

PROFESSIONAL REGISTRATIONS

- Professional Land Surveyors (PLS) Pennsylvania, New Jersey, Connecticut, Delaware, Maryland, North Carolina, Virginia, West Virginia, Washington, D.C., Florida

PROFESSIONAL AFFILIATIONS

- National Society of Professional Surveyors
- New Jersey Society of Professional Land Surveyors
- Surveyors Association of West Jersey
- Maryland Society of Surveyors

EXPERIENCE

Mr. Burns is a Senior Principal and Survey Geographic Discipline Leader with over 35 years of extensive and diverse experience in land surveying. He has had progressive, hands-on field experience from rod-man, instrument-man, party chief, survey technician, and project manager through to Department Manager. His demonstrated expertise in the field has enabled him to manage projects with an emphasis on QA/QC procedures and responsiveness. His daily duties include client management; project quality control; overseeing project scheduling; and proposal preparation. He has received multiple client commendations for his field and office surveys and supervision.

Mr. Burns' varied experience includes boundary surveys for the transfer of property, topographic surveys for land planning and engineering design, right-of-way surveys for highway improvement projects, and riparian surveys, including the establishment of the mean high-water line for tidal boundaries. In addition, he has successfully supervised complex surveying projects ranging from two thousand acres to smaller than one acre. His project management experience ensures projects are completed on time and within budget. His strong verbal and written communication skills and proven dedication to client satisfaction have resulted in numerous long-standing professional relationships with clients such as AECOM, Williams/Transco and Louis Berger.

His unique experience in planning, processing, and adjusting GPS surveys has enabled him to deliver successful for clients including the US Army Corps of Engineers; New Jersey, Pennsylvania, and North Carolina Departments of Transportation; and to participate in joint cooperative projects assisting NOAA's National Geodetic Survey (NGS) and its advisors.

Mr. Burns has also performed surveys for private clients including:

- Telecom Companies
- Environmental Engineering Firms
- Civil Engineering Firms
- Pipeline & Utility Companies

He has performed a variety of surveys for public, utility, and governmental agencies including:

- MTA
- PSE&G
- Delmarva Power
- NJDOT, Penn-DOT & NCDOT
- US Army Corps of Engineers



He has served as Survey Manager responsible for overseeing field and office operations for the following types of surveys:

- Rail & Tunnel Scanning
- Pipeline & Utility Rights-of-Way
- First Order Control Networks
- Site Remediation Monitoring
- Construction Layout of New Tracks
- Boundary & Topographic
- As-Built Surveys
- Underground Utility Mark-out Locations

PROJECTS

NJDEP/CDM Smith Blue Acres Downe Township Downe Township, Cumberland County, NJ

Principal-in-Charge of property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes. Our surveyors also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tideland claims lines and the mean high-water line were established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

NJDEP/CDM Smith Lawrence Township Blue Acres Surveys Lawrence Township, Cumberland County, NJ

Provided surveying services to perform property boundary surveys for 50 lots along the Delaware Bay that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tideland claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots will be made, in addition to the individual lot surveys.

NJDEP/CDM Smith Bear Swamp Green Acres Survey Tabernacle and Southampton Townships, Burlington County, NJ

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acres line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary.

Green Acres Surveys/Williams-Transco Somerset, Hunterdon, Mercer Counties, NJ

Project Manager for 24 surveys along the Williams/Transco pipeline right-of-way according to Green Acres Specifications, including:

- 2 Surveys – Branchburg Township, Somerset County
- 13 Surveys – Montgomery Township, Somerset County
- 7 Surveys – Readington Township, Hunterdon County
- 2 Surveys – Princeton Township, Mercer County

Plans were developed for Permanent Diversion and Temporary Workspace Areas. Descriptions were written in accordance with the latest version of the Green Acres Scope of Work. Maser Consulting's survey personnel worked closely with the NJDEP Green Acres Surveyor to assure compliance with the Green Acres specifications.



Green Acres Survey**Millstone Township, Somerset County, NJ**

Project Manager for a property boundary survey of Block 55, Lot 1 (S-2017) according to Green Acres (GA) specifications. The property boundary survey was for a 121-acre parcel and included the setting of property corners and line markers as per GA specs.

**State Agriculture Development Committee (SADC) Burlington County Farm Preservation Surveys
Burlington County, NJ**

Project Manager for multiple surveys during an ongoing contract with Burlington County. Maser Consulting has performed 12 Farm Preservation Surveys according to SADC and Green Acres Specifications. Most recently, we performed a survey of the Thomas Haines Farm in Pemberton containing 157 acres.

Notterman Property Green Acres Survey**East Windsor Township, Mercer County, NJ**

Managed survey field and office staff in performance of a Green Acres survey of the 120 Acre Notterman Property located along Etra Road in East Windsor Township. This included defining a portion that was to be funded by the Environmental Infrastructure Funding Program. Monuments were set all corners to Green Acres specifications. Property descriptions were written for the entire property and for the portion to be funded by Green Acres and the EIFP.

RD2/RI NJDEP Term Contracts, The Louis Berger Group**Various Counties, NJ**

Overall Project Manager supervising land surveying services to support site remediation and design for the New Jersey Department of Environmental Protection (NJDEP) through multiple term contracts with The Louis Berger Group. Representative project summaries are listed below:

- **Winslow Landfill** – 90-acre boundary & topographic survey, 28 wells, 5 borings, stream x-sections
- **Ellis Property** – 10 monitoring wells & 63 sample borings
- **EPSCO Site** – 18 monitoring wells & 50 soil borings
- **Weisbecker Cleaners Site** – 30 monitoring wells
- **Ringwood Mines Landfill** – 23 property boundary surveys
- **Greystone Psychiatric Hospital** – 100-acre topographic survey with utility locations
- **MSLA Landfill** – Topographic Survey of 65-acre landfill using RTK GPS

PSE&G Former Gas Works Site**City of Camden, Camden County, NJ**

Overall Project Manager responsible for a series of surveys to locate wells and borings at the PSE&G former Camden Gas Works Site in the City of Camden. Located in the heart of the City, this project yielded the survey of approximately 45 wells and 25 borings over a five-year period. Prepared a NJDEP Form B for each well showing the well's latitude, longitude, and PVC elevation. In addition to the well surveys, survey maps showing various selected existing features including buildings, streets, paved areas, etc. were prepared by survey crews with 40-hour HAZWOPER training.

120 Mile Constitution Gas Pipeline R.O.W. Survey**Various Locations, PA and NY**

Survey Project Manager responsible for overseeing land surveying services along 120 miles of gas pipeline R.O.W. from Scranton, PA to Albany, NY. Survey services included GPS Surveys to establish survey control and RTK Surveys to locate property corner monumentation. Supervised office personnel in developing R.O.W. Condemnation Plans in Autocad for various parcels in order to expand the R.O.W.

GPS Survey of Wetlands along the DELMARVA R.O.W.**Various Locations, DE and NJ**

Managed survey field and office staff in performance of GPS survey of approximately 4.5 miles of wetlands along the Delmarva/Conectiv R.O.W. in Maryland from Piney Grove to Mt. Olive. Prepared plans of the survey showing the R.O.W., wetlands flags, and power poles signed by a Maryland Licensed Land Surveyor.



ROBERT KELLY

Principal Associate/Project Manager/Survey

PROFESSIONAL AFFILIATIONS

- National Society of Professional Surveyors
- American Congress on Surveying and Mapping

COMPUTER SKILLS

- AutoCAD (2D and 3D)
- Autodesk V12
- Land Development Desktop (Terrain Modeling and Civil and Survey Design)

EXPERIENCE

Mr. Kelly has over 22 years of varied experience in land surveying, and his project management experience ensures projects are completed on time and within budget. His administrative nature helps him manage a project with an emphasis on scheduling, financial budgets, project deliverables, and project execution. His daily duties include the development of daily work schedules, weekly reports, correspondence on project schedules, and the tracking of the status of projects. Mr. Kelly has strong verbal and written communication skills, and his proven dedication to client satisfaction has resulted in numerous long standing professional relationships with clients such as Bechtel.

Mr. Kelly has supervised the collection of large tract surveys from parcels of 2,000 acres to parcels smaller than an acre. His field teams have performed the collection of data using descriptor codes and descriptor files. They have set primary and secondary control traverse to be used in the collection of data or for the monitoring of structures, and used first order digital levels to perform precise level runs to establish control point elevations for these highly accurate control networks.

Mr. Kelly has supervised the use of Global Position Systems (GPS) to establish aerial control points and to establish control points on primary traverse targets. He has a vast knowledge of construction layout services, including supervising the layout of various types of utilities for construction, including, storm sewer, sanitary sewer, water mains, water hydrants, transformers, concrete vaults, etc. He has also supervised the layout of residential developments which includes layout for new homes, pinning of foundation footings, location of foundation, grades stakes and final surveys. He has also done these same tasks for Commercial developments.

PROJECTS**NJDEP Blue Acres Downe Township
Downe Township, Cumberland County, NJ**

Project Manager responsible for property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes. Our surveyors also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line were established as part of the surveys.



A final composite map of all the lots was made, in addition to the individual lot surveys.

Lawrence Township Blue Acres Surveys**Lawrence Township, Cumberland County, NJ**

Provided surveying services to perform property boundary surveys for 50 lots along the Delaware Bay that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots will be made, in addition to the individual lot surveys.

Bear Swamp Green Acres Survey**Tabernacle and Southampton Townships, Burlington County, NJ**

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acre line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary.

Green Acres Surveys**Somerset, Hunterdon, Mercer Counties, NJ**

Surveyor for 24 surveys along the Williams/Transco pipeline right-of-way according to Green Acres Specifications, including:

- 2 Surveys – Branchburg Township, Somerset County
- 13 Surveys – Montgomery Township, Somerset County
- 7 Surveys – Readington Township, Hunterdon County
- 2 Surveys – Princeton Township, Mercer County

Plans were developed for Permanent Diversion and Temporary Workspace Areas. Descriptions were written in accordance with the latest version of the Green Acres Scope of Work. Maser Consulting's survey personnel worked closely with the NJDEP Green Acres Surveyor to assure compliance with the Green Acres specifications.

Green Acres Survey**Millstone Township, Somerset County, NJ**

Surveyor for a property boundary survey of Block 55, Lot 1 (S-2017) according to Green Acres (GA) specifications. The property boundary survey was for a 121 acre parcel and included the setting of property corners and line markers as per GA specs.

Salem Nuclear Power Plant/PSE&G Large Tract Survey**Lower Alloways Creek Township, Salem County, NJ**

Surveyor for an ALTA/NSPS Land Title Survey of 733 acre parcel for the Salem Nuclear Plant. In addition to the property boundary survey, Maser Consulting also performed a GPS Survey to control aerial photo targets and established elevations related to tidal datum for riparian boundaries. Additional surveys were performed to establish elevations on monitoring wells located throughout the site.

Roseland-Bushkill Transmission Line R.O.W. Survey**Morris & Sussex Counties, NJ**

Surveyor for survey of Right-of-Way monumentation along 25 miles of the existing 200' wide Roseland-Bushkill PSEG Transmission Right-of-Way. This included deed plotting of over 400 property parcels. GPS Surveying techniques were used to locate transmission towers, 160 centerline monuments, and various encroachments. Right-of-Way survey maps were prepared for the entire line. These maps showed the property owners, deed references, easements, existing transmission towers, roads, and survey control.



Farmland Preservation Surveys**Burlington County, NJ**

As Project Manager, he was responsible for the boundary surveys for the Farmland Preservation program for Burlington County. The project scope was based on the County of Burlington County Land Preservation Office and the State Agriculture Development Committee specifications. He was responsible for the coordination with the sub-consultants, the field and office personnel for the collection and analysis of the data. He reviewed the field data, and the public data and evidence to determine the components of the Boundary Survey Plan.

- **Detrick Farm, Pemberton Township, NJ (2010)**
- **Spotts Farm, Lumberton Township, NJ (2010)**
- **Murphy Farm, Hainesport/Lumberton Township, NJ (2010)**
- **Ziegler/Walter Farm, Springfield Township, NJ (2008)**

Notterman Property Green Acres Survey**East Windsor Township, Mercer County, NJ**

Surveyor for a Green Acres survey of the 120 Acre Notterman Property located along Etra Road in East Windsor Township. This included defining a portion that was to be funded by the Environmental Infrastructure Funding Program. Monuments were set all corners to Green Acres specifications. Property descriptions were written for the entire property and for the portion to be funded by Green Acres and the EIFP.

The College of New Jersey**Ewing Township, Mercer County, NJ**

As the overall Project Manager, he was responsible for the overall coordination of the field and office staff for the construction of an underground electrical ductbank from Greene Lane on the College of New Jersey campus to a new substation near the existing Cogen Power House. He ensured Quality Assurance/Quality Control standards were completed in compliance with the quality control checklist based on the project requirements.

Bechtel Corporation Telecommunication Tower Sites**Various Locations, PA, MD, VA, NJ**

As the overall Project Manager, he managed the survey field and office staff in performance of GPS surveys to produce FAA 1A and 2C letters at over 100 existing Cingular Cell Tower sites throughout Pennsylvania, Maryland, Virginia, and New Jersey using Real-Time Kinematic and static Global Position Surveying (GPS) surveying.

Telecommunication Tower Sites Topographic Mapping & Boundary Surveys**Eastern Pennsylvania, Dewberry-Goodkind, Inc.**

As the Project Manager, he was responsible for the coordination with the sub-consultants, the field and office personnel for the collection and analysis of the data to establish ground control for topographic mapping and boundary orientation for multiple proposed telecommunication tower sites ranging in size from one acre to 200 acres. Our field personnel used real-Time Kinematic and static Global Position Systems (GPS) surveying to establish the control. He ensured Quality Assurance/Quality Control standards were completed in compliance with the quality control checklist based on the project requirements.



JOHN J. PANKOK, PLS

Project Manager/Survey

EXPERIENCE

Mr. Pankok is a licensed, professional land surveyor with more than 25 years of experience in the oversight of land surveying and mapping for a wide range of land development projects for private and public clients. His areas of expertise include title surveys; topographic surveys; major and minor subdivisions; existing condition and utility surveys; construction stake out such as bridges, roadways, and underground utilities; and survey control establishment and adjustments. He is experienced with ALTA/NSPS Land Title Surveys, right-of-way determination, existing condition and topographic mapping, residential surveys, as-built surveys, flood elevation certificates, and the preparation of deed descriptions. Mr. Pankok is also experienced in appearing before various municipal planning and zoning boards to assist clients in the approval process.

Mr. Pankok's career experience progressed from an entry level position as an instrument operator, party chief, office survey technician, through survey department manager and presently, project manager. His land survey projects have included a wide variety of settings, from heavy highway construction to preparation of residential property surveys. His extensive experience and strong ability to interact with clients and contractors, as well as scheduling and coordinating jobs, provides confidence that projects will be handled professionally and in a cost-effective manner. His daily duties include the development of daily work schedules, weekly reports, correspondence on project schedules, and tracking of project status. He attends weekly meetings and develops reports on projects, billings, and workload. During these meetings, he updates other managers on the status of work and makes commitments to meet critical deadlines.

PROJECTS**NJDEP/CDM Smith Blue Acres Downe Township
Downe Township, Cumberland County, NJ**

Property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes. Our surveyors also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high-water line were established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

EDUCATION

- B.S. Engineering Technology, Land Surveying Option, New Jersey Institute of Technology, 2011
- A.S. Civil Engineering Technology, Land Surveying Option, Gloucester County College, 2002
- Drafting Design Technology, Salem Community College

PROFESSIONAL REGISTRATIONS

- Professional Land Surveyor (PLS) New Jersey

PROFESSIONAL CERTIFICATIONS

- Hydric Soils and Identification, Rutgers University
- Methodology of Wetland Delineation, Rutgers University

PROFESSIONAL AFFILIATIONS

- New Jersey Society of Professional Land Surveyors
- Director of the Salem-Cumberland Chapter of the New Jersey Society of Professional Land Surveyors
- American Congress on Surveying and Mapping



**NJDEP/CDM Smith Lawrence Township Blue Acres Surveys
Lawrence Township, Cumberland County, NJ**

Provided surveying services to perform property boundary surveys for 50 lots along the Delaware Bay that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots will be made, in addition to the individual lot surveys.

**New Jersey Reconstruction, Rehabilitation, Elevation, and Mitigation (RREM) Program
Atlantic, Monmouth, and Ocean Counties, NJ**

As the Project Manager, he was responsible for the preparation of boundary and topographic surveys, and FEMA flood elevation certificates for roughly 150 properties located within designated flood hazard areas. He coordinated with the project engineer of record, and instructed Maser Consulting field and office personnel for the collection and processing of all field survey data. He reviewed and analyzed the record property documents against field evidence to develop the components for each individual survey plan. Mr. Wilde was also responsible for implementing Quality Assurance and Quality Control standards to ensure compliance with the project agreement.

**NJDEP/CDM Smith Bear Swamp Green Acres Survey
Tabernacle and Southampton Townships, Burlington County, NJ**

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acre line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary.

**Green Acres Surveys/Williams-Transco
Somerset, Hunterdon, Mercer Counties, NJ**

Project Manager for 24 surveys along the Williams/Transco pipeline right-of-way according to Green Acres Specifications, including:

- 2 Surveys – Branchburg Township, Somerset County
- 13 Surveys – Montgomery Township, Somerset County
- 7 Surveys – Readington Township, Hunterdon County
- 2 Surveys – Princeton Township, Mercer County

Plans were developed for Permanent Diversion and Temporary Workspace Areas. Descriptions were written in accordance with the latest version of the Green Acres Scope of Work. Maser Consulting's survey personnel worked closely with the NJDEP Green Acres Surveyor to assure compliance with the Green Acres specifications.

**Costco Wholesale Outlet,
City of Bayonne, Hudson County, NJ**

Project Manager responsible for the preparation of an ALTA/NSPS boundary and topographic survey for a 15.26-acre parcel in the City of Bayonne. The project included coordination of field and office personnel for the collection and analysis of the survey data. Mr. Pankok reviewed the filed record data and the evidence to develop the components of the boundary survey plan while also being responsible for implementing quality assurance and quality control standards to ensure project compliance. He also reviewed all Schedule B-II requirements listed in the title report provided to ensure accurate and complete compliance with the specific easements and/or encumbrances related to the property in question. Additionally, Mr. Pankok also reviewed the final survey to ensure all Optional Table A items required and consistent with the Costco survey standards, were satisfied.



**Chick-Fil-A Restaurant,
Borough of Ramsey, Bergen County, NJ**

Project Manager responsible for the preparation of a boundary and, topographic survey for a 1.20-acre parcel occupied by an existing family owned restaurant in Ramsey Borough. The project included coordination of field and office personnel for the collection and analysis of the survey data. The topography of the site also included the use of Maser Consulting's Mobile Lidar equipment which allowed the collection of topographic along New Jersey State Highway route 17 which is a major vehicular artery in the region. This particular equipment provided high definition scanning of the roadway in order to provide data without disturbance of normal traffic patterns. Mr. Pankok reviewed the filed record data and the evidence to develop the components of the boundary survey plan while also being responsible for implementing Quality Assurance and Quality Control standards to ensure project compliance.

**Chick-Fil-A Restaurant,
Township of Manheim, Lancaster County, PA**

Project Manager responsible for the preparation of a boundary and, topographic survey for a 1.28-acre vacant parcel in Manheim Township. The project included coordination of field and office personnel for the collection and analysis of the survey data. Mr. Pankok reviewed the filed record data and the evidence to develop the components of the boundary survey plan while also being responsible for implementing quality assurance and quality control standards to ensure project compliance. As a secondary part of this project, Mr. Pankok also provided project management services to the contractor awarded the construction phase of the restaurant. This phase included coordination with the general contractor to provide construction layout services for the specific building including horizontal and vertical calculations for the building footprint, steel support columns, curb and sidewalks. At the conclusion of the construction phase, he provided an As-Built Final Survey of the site and improvements to be submitted to the local municipality for final approval.

**Construction Layout for Wawa Convenience Store (Carl Pursell Construction)
Township of Mt. Laurel, Burlington County, NJ**

Project Manager responsible for the boundary & topographic verification and construction calculations for the development of a Wawa Convenience Store and gas depot on a 1.70-acre vacant parcel in Mt. Laurel Township. The project included coordination of field and office personnel for the initial collection and analysis of the boundary and topographic survey, provided by others, to ensure accurate site conditions for the general contractor. Mr. Pankok reviewed the contractor shop drawings in order to provide construction layout services for the specific building including horizontal and vertical calculations for the building footprint, steel support columns for both the building and overhead fuel island canopy, along with lighting units, retaining walls, storm and sanitary sewers, curb and sidewalks. At the conclusion of the construction phase, he also provided an As-Built Final Survey of the site and improvements to be submitted to the local municipality for final approval. Additionally, he was responsible for coordination and completion of a Geographic Information Systems (GIS) As-Built plan provided to the standards and requirements of Mt. Laurel Township.

**Boundary and Topographic Survey for Rahway Arch Properties
Borough of Carteret, Middlesex County, NJ**

Project Manager responsible for the preparation of a boundary and, topographic survey for a 116.0-acre vacant parcel in Carteret Borough. The project included coordination of field and office personnel for the collection and analysis of the survey data. Site specific conditions required that topographic survey requirements include the establishment of ground points to provide horizontal and vertical control points for the collection of data through the use aerial topography and photogrammetry. As a secondary part of this project, Mr. Pankok also provided project management services to the contractor awarded the site remediation phase of the project. This phase included coordination with the site contractor to provide accurate stakeout locations of geotechnical instrumentation and well as monthly monitoring of site settlement and production of all settlement plate data reports. Mr. Pankok also provided construction calculations and layout services for the storm sewer components of the site.



HARIS HADZIC

Project Surveyor

EXPERIENCE

Mr. Hadzic has an extensive working knowledge in the field of surveying and mapping. His experience includes many boundary and topographic surveys throughout the Pennsylvania and New Jersey region. In particular, Mr. Hadzic has worked with the City of Philadelphia District Surveyors on many occasions and has built an excellent working relationship with them to obtain City benchmarks and property corner surveys. He is also very familiar with using City Block Maps and Highway Commissioner maps in Philadelphia.

Mr. Hadzic has also provided surveying services on multiple ALTA/ACSM Land Title Surveys and other property surveys with an in-depth knowledge of reviewing Title Reports and resolving property boundaries. He has written many metes and bounds descriptions for residential and commercial properties ranging in size from 0.02 acres to over 200 acres. His survey experience also encompasses providing services for large construction projects and performing construction set-up for all phases such as rough grade for roadways, dwellings, berms, and detention basins. Part of his job duties include the set-up of stake-out work for utilities such as storm and sanitary sewer, water, and electric, as well as roadways for construction, including curb, handicapped depression, and edge of pavement. He has prepared grade sheets for all types of construction. He has also worked on residential portions of construction, where he has prepared plot plans for single family and multi-family residential units and also set up pinning of foundations, grade stakes for residences, and final surveys for closings and certificates of occupancy.

PROJECTS

NJDEP Blue Acres Downe Township Downe Township, Cumberland County, NJ

Performed property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes. Also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line were established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

NJDEP/CDM Smith Lawrence Township Blue Acres Surveys Lawrence Township, Cumberland County, NJ

Provided surveying services to perform property boundary surveys for 50 lots along the Delaware Bay that were damaged by

EDUCATION

- B.Sc.E. Engineering and Industrial Surveying, AGH University of Science and Technology, Krakow, Poland, 1998

PROFESSIONAL CERTIFICATIONS

- Certified Survey Technician (CST), Level I
- Emergency Response Technician in accordance with 29 CFR 1910.120 (q)
- OSHA 24 Hr Certification

PROFESSIONAL AFFILIATIONS

- Pennsylvania Society of Land Surveyors, Associate Member

COMPUTER SKILLS

- AutoCAD
- AutoCAD Civil 3D
- Land Desktop Companion 2009
- Leica Geo Office
- Trimble Business Center

FIELD EQUIPMENT

- Total Stations (Leica, Topcon, Sokkia), Robotic Total Stations and Digital Levels
- Field Data Collector Software- TDS (Tripot Data System) and Carlson Survey CE
- GPS Instruments-Trimble 4700 and 5700 RTK units, Trimble 4000 Static GPS unit, Trimble Pro-XR unit, Trimble Pro-Beacon unit and Leica SR300, SR500 RTK and GPS 1200 units



Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots will be made, in addition to the individual lot surveys.

**New Jersey RREM Post-Sandy Surveys
Atlantic, Monmouth and Ocean Counties, NJ**

Provided land survey services and elevation surveying for the State of New Jersey's Reconstruction, Rehabilitation, Elevation, and Mitigation (RREM) Program in Atlantic, Monmouth, and Ocean counties, following the destruction of Superstorm Sandy. \$600 million in federal funds were allocated to help eligible primary homeowners repair or rebuild their Sandy-impacted homes, and the RREM program was designed to fill the gap between the cost of repairs and other funds homeowners had received to repair their homes and to comply with requirements for structures located in flood plains. Maser Consulting professionals provided surveys including boundary, topographic features, and flood elevations, and the work encompassed properties within Special Flood Hazard areas. Our land survey team performed over 100 surveys in a three-week period during the fall of 2013.

**NJDEP/CDM Smith Bear Swamp Green Acres Survey
Tabernacle and Southampton Townships, Burlington County, NJ**

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acre line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary.

**Green Acres Surveys/Williams-Transco
Somerset, Hunterdon, Mercer Counties, NJ**

Project Manager for 24 surveys along the Williams/Transco pipeline right-of-way according to Green Acres Specifications, including:

- 2 Surveys – Branchburg Township, Somerset County
- 13 Surveys – Montgomery Township, Somerset County
- 7 Surveys – Readington Township, Hunterdon County
- 2 Surveys – Princeton Township, Mercer County

Plans were developed for Permanent Diversion and Temporary Workspace Areas. Descriptions were written in accordance with the latest version of the Green Acres Scope of Work. Maser Consulting's survey personnel worked closely with the NJDEP Green Acres Surveyor to assure compliance with the Green Acres specifications.

**Rutgers University College Avenue Topographic Survey
City of New Brunswick, Middlesex County, NJ**

Surveyor for a topographic survey of the Rutgers University College Avenue Campus containing approximately 62 acres of land (not including any overlap). Survey of the elevations, contours, and physical features was performed with the use of aerial photography (new flight), in order to compile and produce a topographic plan at a scale of 1"=50' with a one-foot contour interval. In addition, a field edit was performed to locate smaller surface utilities not located by the aerial mapping. The final plan was produced on NAVD88 vertical datum in AutoCAD.

**Amtrak Penn Coach Yard Pavement Repair
City of Philadelphia, Philadelphia County, PA**

As part of a pavement repair project at Amtrak's Penn Coach Yard, provided topographic survey of five separate paved areas. A land survey was conducted to perform limits of disturbance and topographic measurements of the designated areas and subsequent impact areas for use in developing base maps on which to base the pavement installation and repair designs. The survey included all utilities and structures, visible utility appurtenances, and subgrade structures within the prescribed areas. Ground Penetrating Radar (GPR) was used in all of the areas. Grades were surveyed throughout the areas, and all possible points of drainage discharge were identified. The deliverable included an Autocad base-map.



Centennial Commons Youth Area Survey

City of Philadelphia, Philadelphia County, PA

Provided surveying services for the proposed Centennial Commons Youth Area in Fairmount Park. This park was originally created as a temporary installation for the Centennial Exposition of 1876, which celebrated the 100 year anniversary of US independence. After the Exhibition, all but two of the display buildings were dissembled, leaving a vast open park space known as "Centennial Commons". The Youth Area will be one piece of the redesigned park district intended to offer family recreation areas within Centennial Commons, in order to increase the use of this underutilized space. Once finished, the Youth Area will feature a park pavilion, a skating circuit, spray park, and planted hillsides inscribed with play 'rooms', providing views of Memorial Hall, Kelly Pool, and the adjacent Smith Memorial. Tasks involved performing a topographic survey of the eight-acre area. The survey included the location of existing grades, existing utilities (invert elevation, rim, pipe size, pipe material), easements of record, existing trees and vegetation, and buildings and other structures.

Higbee Beach Salt Marsh Restoration

Lower Township, Cape May County, NJ

Provided surveying services on a team with The Louis Berger Group as part of the New Jersey Department of Environmental Protection (NJDEP) Remedial Design Contract Number A-82790 to perform final design and permitting for the restoration of salt marshes within the Higbee Beach Wildlife Management Area. Tasks involved a variety of surveying services on site at Higbee Beach, including aerial topographic mapping of 32 acres north of the beach. Aerial photo control was set, and storm drainage structures were located. In addition, beach cross-sections were taken along a 1,200' long section of the beach. Survey control was also established on NAD83 horizontal datum and NAVD88 vertical datum. The survey control was used to support a hydrographic survey being performed adjacent to the beach, where a stream was located along with tide gage elevations. A property boundary survey of a 4.5 acre property owned by New Jersey Transit was also performed, as well as tidelands deed research on adjacent properties.

Roebling Access Road

Florence Township, Burlington County, NJ

Provided land survey services for the Roebling Access Road, a major roadway improvement of Hornberger Avenue in Florence Township to provide a new entrance to Historic Roebling. The \$5 million project includes intersection and roadway improvements that will provide additional capacity for future development, as well as developing an attractive boulevard for vehicles, pedestrians, and bicyclists entering the Roebling neighborhood.

Old York Road Bike Path

Florence Township, Burlington County, NJ

Provided survey services for a one-mile long extension of an existing bike path connecting important locations in the Township of Florence. Undertaken by the Township and funded by state grants, the bike path connects Marter Park to the High School. The link was designed to parallel a county right-of-way and traverse open space. The work included construction of an 8 ft wide bike path with paving, curbing, handicap ramps, striping, and other miscellaneous site improvements.

Philadelphia City Block Survey

City of Philadelphia, Philadelphia County, PA

Performed a property boundary and topographic survey of an entire city block in Philadelphia. Tasks included placing a design phase PA One-Call to request utility plans of the area; reviewing current deeds and title reports for the existing parcels; and obtaining the City Block Plan and Board of Highway Supervisors (old utility) Plans from the City of Philadelphia Plans Department. Also conducted a topographic survey of the project site, prepared a Plan of Survey in AutoCAD format (with PDF copy) showing the topographic features of the site, and prepared a legal description.

19th & Chestnut Streets Lot Consolidation Plan and Survey

City of Philadelphia, Philadelphia County, PA

Performed property surveys on multiple lots located between 19th Street and 20th Streets from Chestnut to Sansom Streets. Vertical Datum was established by the City of Philadelphia's District Surveyor. Property line dimensions were shown in U.S. Survey Feet as well as District Standard measurement. City Block Maps as well



as City of Philadelphia Board of Highway Supervisors Plans were used to establish the property and street boundaries. Final "Existing Lot Detail" and "Proposed Consolidated Lot Detail" plans were prepared and presented to the District Surveyor for approval.

Hilton Hotel at Penns Landing, Topographic and Utility Survey

City of Philadelphia, Philadelphia County, PA

Performed a topographic survey for proposed new additions to the Hilton Hotel at Penns Landing along Christopher Columbus Boulevard near Dock Street. Survey Control was tied into previous control established by the City District Surveyor at the site. Vertical Datum was on the City of Philadelphia's Vertical Datum. Final Survey plan was produced in AutoCAD at a scale of 1"=20'.

Woodhaven Road Topographic Survey

City of Philadelphia, Philadelphia County, PA

Performed a topographic survey along Comly Road and a portion of Woodhaven Road. The survey included the location of paving, curb, inlets, manholes (both storm and sanitary), and spot elevations. Vertical Datum was established by the City of Philadelphia's District Surveyor and tied into by Maser Consulting's Surveyors. Final survey plan was produced in AutoCAD at a scale of 1"=50'.

Philadelphia Industrial Development Corporation, #9355 Blue Grass Road ALTA/ACSM Land Title Survey

City of Philadelphia, Philadelphia County, PA

Performed an ALTA/ACSM Land Title Survey on a 30-acre parcel (Parcel # 885068445) to assist the Philadelphia Industrial Development Corporation (PIDC) in the development of a commercial property for our client. Vertical Datum was established by the City of Philadelphia's 4TH District Surveyor. Property line dimensions were shown in U.S. Survey Feet as well as District Standard measurement. A current Title Report was reviewed and Exceptions plotted on the survey. In addition, a legal metes and bounds description of the property was prepared.

Hess Gas Station at City Line Avenue, ALTA/ACSM Land Title Survey

City of Philadelphia, Philadelphia County, PA

Prepared an ALTA/ACSM Land Title Survey. This included a property boundary survey performed by the City Survey District Surveyors and a topographic and utility survey. In addition, a legal metes and bounds description of the property was prepared.

Philadelphia Parking Authority, North Independence Mall East Topographic Survey

City of Philadelphia, Philadelphia County, PA

Performed a topographic survey on a portion of the North 5th Street Parking Garage, including a roadway survey of a portion of North 5th Street. The topographic survey was used to perform engineering redesign to alleviate drainage problems in the garage entrance. The survey was performed on NAVD88 Vertical Datum and NAD83 Horizontal Datum.

Bank of America, 1000 Cottman Avenue, Boundary and Topographic Survey

City of Philadelphia, Philadelphia County, PA

Performed a boundary and topographic survey of the Bank of America site at the intersection of Oxford Avenue and Cottman Avenue containing 0.3 acres. Spot elevations were taken at approximately 35' intervals. The survey was used for engineering design of handicap facilities for ADA compliance. Final survey plan was produced in AutoCAD at a scale of 1"=20'.

Philadelphia Parking Authority, 8th Street Parking Garage Boundary and Topographic Survey

City of Philadelphia, Philadelphia County, PA

Performed a boundary and topographic survey at the 8th Street Parking Garage at 8th and Arch Streets in Philadelphia. The survey included detailed location of the surrounding streets and utilities. Vertical Datum was established by the City of Philadelphia's District Surveyor. Property corners were also set by the City of Philadelphia's District Surveyor and located by Maser Consulting's surveyor. Final survey plan was produced in AutoCAD at a scale of 1"=20'. In addition, a legal metes and bounds description of the property was prepared.



ADAM REID

Project Surveyor

EXPERIENCE

Mr. Reid has 15 years of experience as a Survey Manager and Survey Crew Chief, completing all forms of field surveys, including boundary, as-built, topographic, and construction stake-out. He drafts legal descriptions of land, including subdivisions, easements, and dedications, and he is skilled at operating survey equipment, including robotic total station and GPS antenna. Mr. Reid is currently a Project Surveyor and oversees all aspects of large land survey projects, including final major subdivision plats and Blue Acres and Green Acres surveys.

PROJECTS**NJDEP/CDM Smith Blue Acres Downe Township
Downe Township, Cumberland County, NJ**

Currently providing surveying services to perform property boundary surveys for 45 lots along the Delaware Bay in Downe Township, Cumberland County, New Jersey that were damaged by Superstorm Sandy. The property surveys are being performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included is a hydrographic survey along 3,500 feet of the beach, extending 125 feet from the shoreline. In addition, aerial topographic mapping is being performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots will be made for environmental stabilization purposes.

**NJDEP/CDM Smith Lawrence Township Blue Acres Surveys
Lawrence Township, Cumberland County, NJ**

Provided surveying services to perform property boundary surveys for 55 lots along the Delaware Bay in Lawrence Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots was made for environmental stabilization purposes.

**New Jersey RREM Post-Sandy Surveys
Atlantic, Monmouth and Ocean Counties, NJ**

Provided land survey services and elevation surveying for the State of New Jersey's Reconstruction, Rehabilitation, Elevation, and Mitigation (RREM) Program in Atlantic, Monmouth, and Ocean counties, following the destruction of Superstorm Sandy. \$600 million in federal funds were allocated to help eligible primary homeowners

EDUCATION

- A.A.S. Civil Engineering –
Land Surveying Option,
Gloucester County College,
2008

PROFESSIONAL CERTIFICATIONS

- Certified Survey Technician
(CST), Level I

PROFESSIONAL AFFILIATIONS

- West Deptford Township
Committee, Committeeman



repair or rebuild their Sandy-impacted homes, and the RREM program was designed to fill the gap between the cost of repairs and other funds homeowners had received to repair their homes and to comply with requirements for structures located in flood plains. Maser Consulting professionals provided surveys including boundary, topographic features, and flood elevations, and the work encompassed properties within Special Flood Hazard areas. Our land survey team performed over 100 surveys in a three-week period during the fall of 2013

**NJDEP/CDM Smith Bear Swamp Green Acres Survey
Tabernacle and Southampton Townships, Burlington County, NJ**

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acre line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary

**Green Acres Surveys/Williams-Transco
Somerset, Hunterdon, Mercer Counties, NJ**

Project Manager for 24 surveys along the Williams/Transco pipeline right-of-way according to Green Acres Specifications, including:

- 2 Surveys – Branchburg Township, Somerset County
- 13 Surveys – Montgomery Township, Somerset County
- 7 Surveys – Readington Township, Hunterdon County
- 2 Surveys – Princeton Township, Mercer County

Plans were developed for Permanent Diversion and Temporary Workspace Areas. Descriptions were written in accordance with the latest version of the Green Acres Scope of Work. Maser Consulting's survey personnel worked closely with the NJDEP Green Acres Surveyor to assure compliance with the Green Acres specifications.

**Final Plat Major Subdivision for Parkway Town Center
Ewing Township, Mercer County, NJ**

Prepared a final subdivision plat for Block 343, Lot 1.01, Ewing Township, containing 79 acres of land. The plat was prepared in accordance with the "Title Recordation Act, Chapter 217: Title, 46: Chapter 26A (former Map Filing Law) and the requirements of the applicable local land subdivision ordinance. The purpose of this plan was to divide the proposed Right-of-Way for the new road connecting the two current dead ends of Silvia Street. Five individual Parcel Maps were also prepared.

**Harrison Avenue Landfill Survey
City of Camden, Camden County, NJ**

Provided surveying services at Harrison Avenue Landfill as part of Maser Consulting's three-year contract with New Jersey Department of Environmental Protection (NJDEP) as the Statewide Programmatic Surveyor. Services included topographic survey, wetlands survey, tree survey, and tide gage survey on the 60-acre site. A combination of aerial mapping and on-the-ground topo was used to complete the survey. The final deliverable included a plan in AutoCAD on NAD83 horizontal datum and NAVD88 vertical datum. The surveys were performed as part of Camden's effort to transform the Harrison Avenue landfill into a waterfront park, for which it is receiving a \$25 million allocation from NJDEP.

**Final Subdivision Plat Phase 1 for Venue at Crosswicks Creek
Plumsted Township, Ocean County, NJ**

Prepared a final subdivision plat for Block 40, Lots 10 & 18 in Plumsted Township, containing 158 acres of land. The plan was done in accordance with the "The Title Recordation Act" and the requirements of the applicable land subdivision ordinance. The plan was prepared for several phases and included multiple sheets.

**Medford Green Acres Survey
Medford Township, Burlington County, NJ**

Provided surveying services to perform property boundary survey for Block 6801, Lot 5.01, Medford Township, containing 79 acres of land. The property survey was performed according to Green Acres Survey Scope and



Specifications. A metes and bounds description was prepared along with the Surveyor's Certification and Parcel Report.

Commercial Township Green Acres Survey

Commercial Township, Cumberland County, NJ

Provided surveying services to perform property boundary survey for Block 164, Lot 14, Commercial Township, containing two acres of land. The property survey was performed according to Green Acres Survey Scope and Specifications. A metes and bounds description was prepared along with the Surveyor's Certification and Parcel Report.

Medford Township Green Acres Survey

Medford Township, Burlington County, NJ

Provided surveying services to perform property boundary survey for Block 6901, Lot 13.02, Medford Township, containing 29 acres of land. The property survey was performed according to Green Acres Survey Scope and Specifications. A metes and bounds description was prepared along with the Surveyor's Certification and Parcel Report.



TIM FERRY

Party Chief

EXPERIENCE**EDUCATION**

- Allentown High School, NJ

PROFESSIONAL CERTIFICATIONS

- Certified Survey Technician (CST), Level I

PROFESSIONAL TRAINING

- OSHA 10 Hr Safety Class
- OSHA 40 Hr Hazardous Training Class
- OSHA 8 Hr Hazardous Refresher Training Class
- PSE&G Substation Safety Seminar

Mr. Ferry has over 20 years of land surveying experience, with a vast amount of knowledge in performing Aerial Photo Ground Control Surveys. He has performed static and real-time kinematic GPS Surveys using both Leica and Trimble equipment. He has processed GPS data for aerial control surveys using Trimble GPS Software and Leica Geomatics Office (LGO).

He has used GPS (Global Positioning System) Surveying technology to establish primary survey traverse points. He has also used GPS (RTK) Real time kinematic surveying to locate utilities, and perform topographic surveys. Mr. Ferry is a conscientious surveyor who prides himself on meeting or exceeding our client's expectations.

PROJECTS**NJDEP Blue Acres Downe Township
Downe Township, Cumberland County, NJ**

As Crew Chief, performed property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes. Also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line were established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

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City of Camden, Camden County, NJ**

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**Centennial Commons Youth Area Survey
City of Philadelphia, Philadelphia County, PA**

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Norfolk Southern Railroad Right-of-Way Stakeout**Bear, New Castle County, DE**

Performed a stakeout of the Norfolk Southern Railroad right-of-way in Bear, Delaware from Milepost 7.5 to Milepost 10.5 utilizing Trimble VRS and Robotic Total Station hardware. The Preliminary Survey work included researching subdivision maps and deeds and plotting the same, as well as valuation maps; field reconnaissance and survey locations of selected monumentation outside and along the railroad right-of-way to orient the subdivision maps and deeds; field locations of existing tracks; and office set-up for recovery of monumentation and associated calculations. The Right-of-Way Stakeout required stakeout of both sides of the right-of-way for approximately 1.5 miles every 100' more or less with survey lath and ribbon, as well as office set-up and calculations. In order to perform the work, our survey crews obtained e-RAILSAFE Certification, as well as Norfolk Southern Railroad Safety Training.

GPS Survey of PSE&G NE Grid Reliability Project**Bergen and Hudson Counties, NJ**

Performed GPS survey to control 36 Aerial Photo ID points for nine mile utility corridor project through Bergen and Hudson Counties in New Jersey. The control was used to produce 1"=30' scale mapping with 1' contours.

GPS Survey of PSE&G Generating Stations**Various Locations, NJ**

Performed GPS surveys for 11 PSE&G Generating Stations throughout the entire State of New Jersey. The survey was used to establish coordinates and elevations on NAD83 and NAVD88 Datum respectively, on aerial photo control points. The control was then used to produce planimetric mapping of the sites.

Roseland-Bushkill Transmission Line R.O.W. GPS Survey

Performed GPS surveys for Right-of-Way monumentation along 25 miles of the existing 200' wide Roseland-Bushkill PSEG Transmission Right-of-Way. This included the location of transmission towers, 160 centerline monuments, and various encroachments.

Aerial Control Surveys**Ocean County, NJ**

Performed GPS Survey for Aerial Photo Control to support photogrammetric mapping along eight separate Ocean County routes. These surveys also included post-flight field edit surveys.



AARON ROUSSAKIS

Survey Crew Chief

EXPERIENCE**EDUCATION**

- Liberal Arts Coursework, Messiah College, 1994-1996
- B.S. Business Administration, Holy Family College

PROFESSIONAL CERTIFICATIONS

- Certified Survey Technician (CST), Level I
- OSHA 10 Hr Safety Class
- OSHA 40 Hr Hazardous Training Class
- OSHA 8 Hr Hazardous Refresher Training Class
- E-Rail Safety Training
- Transportation Worker Identification Credential (TWIC)

PROJECTS**NJDEP Blue Acres Downe Township****Downe Township, Cumberland County, NJ**

As Crew Chief, performed property boundary surveys for 45 lots along the Delaware Bay in Downe Township that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program, which allows landowners to sell property damaged by storms or flooding to the state for recreation and conservation purposes. Also performed a hydrographic survey along 3,200 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line were established as part of the surveys. A final composite map of all the lots was made, in addition to the individual lot surveys.

NJDEP/CDM Smith Lawrence Township Blue Acres Surveys**Lawrence Township, Cumberland County, NJ**

Perform property boundary surveys for 50 lots along the Delaware Bay that were damaged by Superstorm Sandy. The property surveys were performed according to Green Acres Specifications for the Blue Acres Property Acquisition program. Also included was a hydrographic survey along 3,500 feet of the beach, extending 200 feet from the shoreline. In addition, aerial topographic mapping was performed to map the houses and debris along the shore. Tidelands claims lines and the mean high water line will be established as part of the surveys. A final composite map of all the lots will be made, in addition to the individual lot surveys.

New Jersey RREM Post-Sandy Surveys**Atlantic, Monmouth and Ocean Counties, NJ**

Provided land survey services and elevation surveying for the State of New Jersey's Reconstruction, Rehabilitation, Elevation, and Mitigation (RREM) Program in Atlantic, Monmouth, and Ocean counties, following the destruction of Superstorm Sandy. \$600 million in federal funds were allocated to help eligible primary homeowners repair or rebuild their Sandy-impacted homes, and the RREM program was designed to fill the gap between the cost of repairs and other funds homeowners had received to repair their homes and to



comply with requirements for structures located in flood plains. Maser Consulting professionals provided surveys including boundary, topographic features, and flood elevations, and the work encompassed properties within Special Flood Hazard areas. Our land survey team performed over 100 surveys in a three-week period during the fall of 2013

NJDEP/CDM Smith Bear Swamp Green Acres Survey**Tabernacle and Southampton Townships, Burlington County, NJ**

Performed a property boundary survey in accordance with Green Acres Specifications on the 414 acres containing Bear Swamp in Southampton and Tabernacle Townships, Burlington County. Services included setting Green Acre line markers in the swamp, a metes and bounds description, and the creation of an access easement along an existing encroaching driveway. In addition to the three parcels comprising the subject property, 40 adjacent parcels were also surveyed to construct the property boundary

Green Acres Surveys/Williams-Transco**Somerset, Hunterdon, Mercer Counties, NJ**

Project Manager for 24 surveys along the Williams/Transco pipeline right-of-way according to Green Acres Specifications, including:

- 2 Surveys – Branchburg Township, Somerset County
- 13 Surveys – Montgomery Township, Somerset County
- 7 Surveys – Readington Township, Hunterdon County
- 2 Surveys – Princeton Township, Mercer County

Plans were developed for Permanent Diversion and Temporary Workspace Areas. Descriptions were written in accordance with the latest version of the Green Acres Scope of Work. Maser Consulting's survey personnel worked closely with the NJDEP Green Acres Surveyor to assure compliance with the Green Acres specifications.

Harrison Avenue Landfill Survey**City of Camden, Camden County, NJ**

Crew Chief for various surveying services at Harrison Avenue Landfill as part of Maser Consulting's three-year contract with New Jersey Department of Environmental Protection (NJDEP) as the Statewide Programmatic Surveyor. Our surveyors performed a topographic survey, wetlands survey, tree survey, and tide gage survey on the 60-acre site. A combination of aerial mapping and on-the-ground topo was used to complete the survey. The final deliverable included a plan in AutoCAD on NAD83 horizontal datum and NAVD88 vertical datum. The surveys were performed as part of Camden's effort to transform the Harrison Avenue landfill into a waterfront park, for which it is receiving a \$25 million allocation from NJDEP.

Rutgers University College Avenue Topographic Survey**City of New Brunswick, Middlesex County, NJ**

Crew Chief for a topographic survey of the Rutgers University College Avenue Campus containing approximately 62 acres of land (not including any overlap). Survey of the elevations, contours, and physical features was performed with the use of aerial photography (new flight), in order to compile and produce a topographic plan at a scale of 1"=50' with a one-foot contour interval. In addition, a field edit was performed to locate smaller surface utilities not located by the aerial mapping. The final plan was produced on NAVD88 vertical datum in AutoCAD.

Amtrak Penn Coach Yard Pavement Repair**City of Philadelphia, Philadelphia County, PA**

As part of a pavement repair project at Amtrak's Penn Coach Yard, provided topographic survey of five separate paved areas. A land survey was conducted to perform limits of disturbance and topographic measurements of the designated areas and subsequent impact areas for use in developing base maps on which to base the pavement installation and repair designs. The survey included all utilities and structures, visible utility appurtenances, and subgrade structures within the prescribed areas. Ground Penetrating Radar (GPR) was used in all of the areas. Grades were surveyed throughout the areas, and all possible points of drainage discharge were identified. The deliverable included an Autocad base-map.



Old York Road Bike Path**Florence Township, Burlington County, NJ**

Provided survey services for a one-mile long extension of an existing bike path connecting important locations in the Township of Florence. Undertaken by the Township and funded by state grants, the bike path connects Marter Park to the High School. The link was designed to parallel a county right-of-way and traverse open space. The work included construction of an 8 ft wide bike path with paving, curbing, handicap ramps, striping, and other miscellaneous site improvements.

Philadelphia City Block Survey**City of Philadelphia, Philadelphia County, PA**

Performed a property boundary and topographic survey of an entire city block in Philadelphia. Tasks included placing a design phase PA One-Call to request utility plans of the area; reviewing current deeds and title reports for the existing parcels; and obtaining the City Block Plan and Board of Highway Supervisors (old utility) Plans from the City of Philadelphia Plans Department. Also conducted a topographic survey of the project site, prepared a Plan of Survey in AutoCAD format (with PDF copy) showing the topographic features of the site, and prepared a legal description.

19th & Chestnut Streets Lot Consolidation Plan and Survey**City of Philadelphia, Philadelphia County, PA**

Performed property surveys on multiple lots located between 19th Street and 20th Streets from Chestnut to Sansom Streets. Vertical Datum was established by the City of Philadelphia's District Surveyor. Property line dimensions were shown in U.S. Survey Feet as well as District Standard measurement. City Block Maps as well as City of Philadelphia Board of Highway Supervisors Plans were used to establish the property and street boundaries. Final "Existing Lot Detail" and "Proposed Consolidated Lot Detail" plans were prepared and presented to the District Surveyor for approval.

Hilton Hotel at Penns Landing, Topographic and Utility Survey**City of Philadelphia, Philadelphia County, PA**

Performed a topographic survey for proposed new additions to the Hilton Hotel at Penns Landing along Christopher Columbus Boulevard near Dock Street. Survey Control was tied into previous control established by the City District Surveyor at the site. Vertical Datum was on the City of Philadelphia's Vertical Datum. Final Survey plan was produced in AutoCAD at a scale of 1"=20'.

Woodhaven Road Topographic Survey**City of Philadelphia, Philadelphia County, PA**

Performed a topographic survey along Comly Road and a portion of Woodhaven Road. The survey included the location of paving, curb, inlets, manholes (both storm and sanitary), and spot elevations. Vertical Datum was established by the City of Philadelphia's District Surveyor and tied into by Maser Consulting's Surveyors. Final survey plan was produced in AutoCAD at a scale of 1"=50'.

U.S. Route No. 130 and Harkins Road Route Survey**East Windsor Township, Mercer County, NJ**

Performed right-of-way surveys and route surveys of U.S. Route No. 130, Harkins Road, and Conover Road in East Windsor Township. Responsibilities included the location of the right-of-way, collection of topographic data, location of utilities, individual parcel maps, and the preparation of mapping. Mr. Roussaki was the Party Chief responsible for the collection of all of the field data. His team performed the necessary control, collected the field data and obtained inverts on the utilities.

Philadelphia Industrial Development Corporation, #9355 Blue Grass Road ALTA/ACSM Land Title Survey**City of Philadelphia, Philadelphia County, PA**

Performed an ALTA/ACSM Land Title Survey on a 30-acre parcel (Parcel # 885068445) to assist the Philadelphia Industrial Development Corporation (PIDC) in the development of a commercial property for our client. Vertical Datum was established by the City of Philadelphia's 4TH District Surveyor. Property line dimensions were shown in U.S. Survey Feet as well as District Standard measurement. A current Title Report was reviewed and Exceptions plotted on the survey. In addition, a legal metes and bounds description of the property was prepared.



Trenton Fibre Drum Boundary and Topographic Mapping**Lawrence Township, Mercer County, NJ**

Provided a boundary and topographic survey of the existing facility. The site was a remediation project that included boundary, topography survey, monitoring wells, baseline establishment. The team was responsible for the collection of data including the establishment of horizontal and vertical control using GPS. The team traversed the site, locating property corners and features of the site for the preparation of the final document.

Roseland-Bushkill Transmission Line R.O.W. Survey**Morris & Sussex Counties, NJ**

Responsible for providing land surveying services to establish the transmission right-of-way across 400 parcels. Real-Time Kinematic (RTK) GPS using a Virtual Reference System (VRS) network was used to locate over 26 miles of transmission R.O.W. monumentation as well as property corners on adjacent properties. The R.O.W. survey was then combined with aerial topographic mapping produced by Photo Science Inc. Using the fully controlled aerial imagery, Photo Science then stereocompiled planimetric and topographic map features directly from the aerial photography at 1"-50' with topographic contours at one-foot intervals for variable band widths. Mr. Roussakis was part of the team that utilized GPS to recreate the centerline of the right-of-way, uncovering monumentation and extrinsic evidence. His team also located encroachments into the right-of-way.

NorthEast Grid Reliability Project Survey/PSEG**Union, Essex, and Hudson Counties, NJ**

Survey Crew Chief for project to establish the R.O.W. and locate utilities along 30 miles of urban terrain for proposed electric and gas transmission lines. Over 1,800 parcels were mapped on 220 plan sheets. Services included GPS surveys, aerial photogrammetric mapping, parcel mapping, and utility locations.

Rutgers-Camden Student Housing Boundary, Topographic, and Utility Survey**City of Camden, Camden County, NJ**

Survey Crew Chief for the performance of a boundary, topographic and utility survey of the new eight-story, 27,000 SF Student Housing building at 4th and Cooper Streets in Camden, New Jersey. In addition, a lot consolidation plan was produced, along with a final as-built survey.





Technical Proposal
DPMC Project No. P1201-00

Section (d)
Key Team Members Project Experience Data Sheet

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Michael Burns, PLS

TITLE Regional Survey Manager

FIRM Maser Consulting, P.A.

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
Blue Acres Project - Downe Township, Cumberland County, NJ	N/A	45 Surveys for Acquisition of Flood- Prone Properties to Green Acres Space Specs.	PLS	12	10%	2/1/2017 2/1/2018	
Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Green Acres Space Specs.	PLS	12	10%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	PLS	6	2%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	PLS	6	10%	2/1/2016 9/1/2016	

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Michael Burns, PLS

TITLE Regional Survey Manager

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Green Acres Surveys/Williams- Transco, Somerset, Hunterdon, Mercer Counties, NJ	N/A	24 Boundary Surveys for Williams/Transco pipeline right-of-way according to Green Acres Specifications	PLS	6	10%	6/1/2014 11/1/2014	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Robert C. Kelly

TITLE Survey Coordinator

FIRM Maser Consulting, P.A.

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Blue Acres Project - Downe Township, Cumberland County, NJ	N/A	45 Surveys for Acquisition of Flood- Prone Properties to Green Acres Space Specs.	Survey Coordinator	12	5%	2/1/2017 2/1/2018	
Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Green Acres Space Specs.	Survey Coordinator	12	5%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	Survey Coordinator	6	1%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	Survey Coordinator	6	5%	2/1/2016 9/1/2016	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME John J. Pankok, PLS

TITLE Survey Department Manager

FIRM Maser Consulting, P.A.

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Blue Acres Project - Downe Township, Cumberland County, NJ	N/A	45 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	PLS	12	10%	2/1/2017 2/1/2018	
Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	PLS	12	10%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	PLS	1	1%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	PLS	1	5%	2/1/2016 9/1/2016	

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TITLE Survey Department Manager

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Green Acres Surveys/Williams- Transco, Somerset, Hunterdon, Mercer Counties, NJ	N/A	24 Boundary Surveys for Williams/Transco pipeline right-of-way according to Green Acres Specifications	PLS	2	5%	6/1/2014 11/1/2014	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Haris Hadzic

TITLE Project Manager

FIRM Maser Consulting, P.A.

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Blue Acres Project - Downe Township, Cumberland County, NJ	N/A	45 Surveys for Acquisition of Flood- Prone Properties to Green Acres Space Specs.	Project Manager	10	8%	2/1/2017 2/1/2018	
Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Green Acres Space Specs.	Project Manager	6	5%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	Project Manager	1	1%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	Project Manager	3	5%	2/1/2016 9/1/2016	

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NAME Haris Hadzic

TITLE Project Manager

FIRM Maser Consulting, P.A.

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Green Acres Surveys/Williams- Transco, Somerset, Hunterdon, Mercer Counties, NJ	N/A	24 Boundary Surveys for Williams/Transco pipeline right-of-way according to Green Acres Specifications	Project Manager	3	5%	6/1/2014 11/1/2014	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Adam Reid

TITLE Survey Technician/CAD

FIRM Maser Consulting, P.A.

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Blue Acres Project - Downe Township, Cumberland County, NJ	N/A	45 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	Survey Technician/ CAD	12	80%	2/1/2017 2/1/2018	
Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	Survey Technician/ CAD	12	80%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	Survey Technician/ CAD	1	20%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	Survey Technician/ CAD	6	80%	2/1/2016 9/1/2016	

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NAME Tim Ferry

TITLE Party Chief

FIRM Maser Consulting, P.A.

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Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	Party Chief	6	10%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	Party Chief	2	2%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	Party Chief	6	10%	2/1/2016 9/1/2016	

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Green Acres Surveys/Williams- Transco, Somerset, Hunterdon, Mercer Counties, NJ	N/A	24 Boundary Surveys for Williams/Transco pipeline right-of-way according to Green Acres Specifications	Party Chief	3	5%	6/1/2014 11/1/2014	

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Aaron Roussakis

TITLE Party Chief

FIRM Maser Consulting, P.A.

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
Blue Acres Project - Downe Township, Cumberland County, NJ	N/A	45 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	Party Chief	6	10%	2/1/2017 2/1/2018	
Blue Acres Project- Lawrence Township, Cumberland County, NJ	N/A	50 Surveys for Acquisition of Flood- Prone Properties to Greene Acres Space Specs.	Party Chief	6	10%	9/1/2016 7/1/2017	
New Jersey RREM Post-Sandy Surveys, Atlantic, Monmouth and Ocean Counties, NJ	N/A	153 Boundary Surveys in 5 Counties, including Topo for the reconstruction, rehabilitation, elevation and mitigation (RREM) Program after Superstorm Sandy.	Party Chief	2	2%	9/1/2013 12/1/2013	
Bear Swamp Green Acres Survey, Tabernacle and Southampton Townships, Burlington County, NJ	N/A	414 Acre Property Boundary Survey for Green Acres	Party Chief	6	10%	2/1/2016 9/1/2016	

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Aaron Roussakis

TITLE Party Chief

FIRM Maser Consulting, P.A.

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
Green Acres Surveys/Williams- Transco, Somerset, Hunterdon, Mercer Counties, NJ	N/A	24 Boundary Surveys for Williams/Transco pipeline right-of-way according to Green Acres Specifications	Party Chief	3	5%	6/1/2014 11/1/2014	

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



Technical Proposal
DPMC Project No. P1201-00

Section (e)
Project Key Personnel List

FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT	
		SURVEY SERVICES	HOURLY WAGE LEVEL 1-7
Maser Consulting P.A.	Michael F. Burns, PLS Regional Survey Manager	50%	7
Maser Consulting P.A.	Robert C. Kelly, Jr. Survey Coordinator	20%	6
Maser Consulting P.A.	John J. Pankok, PLS Survey Department Manager	20%	6
Maser Consulting P.A.	Haris Hadzic Project Manager	40%	4
Maser Consulting P.A.	Adam Reid Survey Technician/CADD	100%	3
Maser Consulting P.A.	Tim Ferry Party Chief	30%	2
Maser Consulting P.A.	Aaron Roussakis Party Chief	30%	2

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



Technical Proposal
DPMC Project No. P1201-00

Section (f)
Project Approach

Project-Specific Technical Approach

Project No. P1201-00

The following describes the overall technical approach and procedures that will be followed to execute DPMC Project No. P1201-00. This will be done in accordance with the scope of work for professional land surveying services and supplemental requirements described in the Request for Proposal – Survey Service Requirements for Acquisition & Site Specific Stabilization - Various Parcels, Downe Township, Cumberland County, New Jersey.

Kick-off Meeting

Maser Consulting will, upon notice-to-proceed, will have a kick-off meeting to review project objectives and deadlines, namely, to obtain Acquisition Surveys, in accordance with “Green Acres” specifications, for 15 residential properties located in Downe Township, Cumberland County, New Jersey within 45 days and a stabilization survey for the same lots in 90 days.



No field work will commence until Maser Consulting receives confirmation that NJDEP has sent out the notification letter to the property owners.



Field Survey

The first field task will be to set control so that the acquisition surveys can be performed. This will be done by reviewing tax maps, property deeds and Green Acres' supplied title reports for property boundary calls and monumentation. Found monumentation will be located along with other evidence, including building corners, fences and potential encroachments near the property line. This methodology will be repeated for all of the lots to be surveyed. It is our understanding that no corner markers will be set as part of this scope.

Preliminary Plan

The surveyed monuments and title report information will be drafted onto a preliminary plan for one of the acquisition surveys. A boundary resolution will be performed and a metes and bounds description written. This preliminary information will be sent to the Green Acres surveyor for review and comment. These comments will then be incorporated into Maser Consulting's existing QA/QC procedures from previous Blue Acres Acquisition surveys in Downe Township.

Acquisition Surveys

The New Jersey Professional Licensed Land Surveyor (PLS) will review the field evidence and perform a boundary analysis to determine the final property boundary in accordance with intentions of the deed. The other field data for the acquisition survey will then be plotted and labeled onto an 11" x 17" plan along with the following:

- Parcel Summary (with area)
- Title report exceptions
- Owner name
- Offer number
- General notes
- Legend & Scale
- Street address
- Project Specific Requirements
 - Improvements (if vacant then "Property is unimproved")
 - Piers and docks



**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
GREEN ACRES PROGRAM
STATE LAND ACQUISITION PROGRAM
SURVEYOR'S CERTIFICATION AND SUMMARY FORM**

PROJECT INFORMATION

PROJECT NAME: DELAWARE RIVER ACQUISITIONS
 GREEN ACRES SOURCE OF FUNDING/ PROJECT NUMBER BA-2009-1
 SELLER'S NAME: WESLEY ROHE, OFFER NO. 0604-0040 1
 MANAGING AGENCY/ENTITY: FISH AND WILDLIFE

ACQUISITION PARCEL INFORMATION

BLOCK:- 6 LOT: 12 MUNICIPALITY: TOWNSHIP OF DOWNE COUNTY: CUMBERLAND
 ENTIRE X or PART (OF LOT) FEE X PERCENT of LOT: 100% ACRES: 0.131
 EASEMENT TYPE OF EASEMENT

ACQUISITION SURVEY INFORMATION

PREPARED FOR: NJDEP GREEN ACRES PROGRAM
 SURVEY FIRM: MASER CONSULTING P.A. CONTRACT No. S-
 SURVEYOR: MICHAEL F. BURNS NJPLS No. 34841
 DATE ON SURVEY PLAN: 04/14/2017 DATE SIGNED: 04/14/2017 DATE LAST REVISED:

ACQUISITION TITLE INFORMATION

TITLE COMPANY: OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY,
 COMMITMENT No. TRT8410 DATE OF COMMITMENT 11/04/2015
 DEED USED FOR REFERENCE: DB 4134, PG 7481

CERTIFICATION

I hereby certify that I have completed the above survey(s) in accordance with the Green Acres Survey Guidelines contained in a written contract as indicated. Based upon an actual field survey and my examination of evidence, the above parcels consist of a total surveyed area of 0.131 acres subject to the following:

EASEMENTS, RESTRICTIONS AND CONDITIONS:

Restrictions as set forth in Deed Book 591 page 547.

Declaration of Covenants of Money Island Homeowners Association as set forth in Deed Book 2393 page 167.

Easements in Deed Book 2393 page 181.

Title, rights or claims of the State of New Jersey to any part of the insured premises which is or may be alleged by the State of New Jersey to be, or is hereafter determined to be, salt, march, tidelands or meadowlands or land now or formerly by the waters of the ocean or any bays, rivers, streams, creeks, or their tributaries.

PUBLIC ROAD AC. CLAIMED NJ TIDELANDS 0.045 AC. CLOUDED TITLE AC.
 UNDERWATER AC. ENCROACHMENTS YES X NO # OF DESCRIPTIONS: 1

 4/14/17
 SURVEYOR'S SIGNATURE, DATE & SEAL

REVIEW BY GREEN ACRES, NJDEP

NET AREA OF ENCUMBRANCE DETERMINED BY GREEN ACRES 0.131 AC.



Metes & Bounds Description

A metes and bounds description will be prepared based on the plan. The metes and bound description will include the owner name, offer number, acreage, title report exceptions and the started Green Acres closing paragraph. The description will be checked for closure and that nothing is in the description that is not shown on the plan. (See sample below)



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

2000 Midlantic Drive, Suite 100
Mount Laurel, NJ 08054
T: 856.797.0412
F: 856.722.1120
www.maserconsulting.com

DEED DESCRIPTION

MC Project No.: 16000684A
Project Name: Delaware River Acquisitions

Lands N/F Wesley Rohe 0604-0040.1
Block 6 Lot 12
226 Nantuxent Drive

April 14, 2017
Downe Township
Cumberland County, New Jersey

ALL THAT CERTAIN tract or parcel of land located on Nantuxent Drive (50' wide R.O.W., per tax map) in the Township of Downe, County of Cumberland, New Jersey, bounded and described as follows:

BEGINNING at a point in the northwesterly line of Nantuxent Drive (50' wide R.O.W., as per tax map), said point being the intersection of the northwesterly line of Nantuxent Drive, with the northeasterly boundary line of Lot 13, Block 6, said beginning point having New Jersey State Plane Coordinates (NAD83), at or about, North 165,573.25 East 284,036.00, said lot as shown on a plan entitled, "Section B, Plan of Lots on Money Island, Lands of Stites and Bateman, Downe Township, Cumberland County, New Jersey" dated June 10, 1940, filed in the Cumberland County Clerk's Office as Filed Map #129, and running thence -

- 1) N 58°30'05" W, a distance of 108 feet more or less along the aforesaid northeasterly line of Lot 12 of Block 13, to a point in the mean high water line of Nantuxent Creek as shown on the above referenced map; thence
- 2) Northeastwardly along said mean high water line various courses and distances, to a point in the southwesterly line of Lot 11, Block 6, (with a tie line bearing of N 18°00'10" E, and a distance of 51.42 feet); thence
- 3) S 58°30'05" E, a distance of 120 feet more or less along the aforesaid southwesterly line of Lot 11, Block 6 to a point in the aforesaid northwesterly line of Nantuxent Drive; thence
- 4) S 31°29'55" W, a distance of 50.00 feet along the aforesaid northwesterly line of Nantuxent Drive to the Point and Place of BEGINNING.

Containing 0.131 acres of land.

SUBJECT TO:

Restrictions as set forth in Deed Book 591 page 547.

Declaration of Covenants of Money Island Homeowners Association as set forth in Deed Book 2393 page 167.

Easements in Deed Book 2393 page 181.

Customer Loyalty through Client Satisfaction



Maser Consulting P.A.

Customer Loyalty through Client Satisfaction



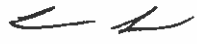
DEED DESCRIPTION

MC Project No.: 16000684A
Project Name: Delaware River Acquisitions

Lands N/F Wesley Rohe 0604-0040.1
Block 6 Lot 12
226 Nantuxent Drive

April 14, 2017
Downe Township
Cumberland County, New Jersey

This description was written pursuant to a survey of property designated as Block 6, Lot 12 on the municipal tax map of Downe Township, Cumberland County, New Jersey, said survey entitled, "Plan of Survey for Acquisition Purposes, Block 6, Lot 12, Money Island Area of Downe Township, Cumberland County, New Jersey". Prepared by Maser Consulting, P.A., Date: April 14, 2017 and is marked as Sheet 1 of 1. A reduced copy of the said plan is attached hereto and made part hereof.

 4/14/17
N.J. Land Surveyor License No. 34841
Michael F. Burns

R:\Projects\2016\16000684A\Survey\DESCRIPTIONS\16000684 B06-L12 Legal



QA/QC

After the plan and description are complete the PLS will then compare them to the Maser Consulting Blue Acres Survey QA/QC checklist and mark them up. Markups will then be returned to the survey technician for revisions. The changes will be checked and as each Acquisition survey and description is completed and finalized, it will be sent to the Green Acres surveyor. This will be done in order to keep the project moving and to expedite project completion. (See sample below)

DOWNE TOWNSHIP
BLUE ACRES
Acquisition Check List
16000684A

	A	B	C	D	E
1			Blue Acres Acquisition Survey Checklist		
2	Checked By:				
3	Date:				
4		Block	Lot		
5					
6		PLAN	DESC	CERT	
7	The project name Delaware River Acquisitions,				
8	the project number is BA-2009-1.				
9	Existing road				
10	Tidelands Claim line (TCL)				
11	Improvements including but not limited to:				
12	dwelling, docks, pilings, retaining walls, septic systems				
13	or show "property is unimproved" label "VACANT LOT"				
14	planimetric features, extent of rubble and type of rubble				
15	locate piers, docks, and other improvements extending				
16	seaward and beyond the property boundaries to the				
17	furthest dock, pier or other improvement above and				
18	below the water line to 125' from the shoreline				
19	Show High-Water Line				
20	Owner (if NJDEP provide DB & P.				
21	CHECK SPELLING OF OWNER'S NAME TO TITLE				
22	Owner names , DB & Page for adjoining lots				
23	* & name of former owner as N/F owner				
24	Deed of Record				
25	Date of Survey Plan				
26	Offer Number				
27	Show Offer Number inside the Lot				
28	Acreage (TOTAL) (check in 4 places on cert)				
29	Acreage (RIPARIAN AND ENCROACHMENTS)				
30	LABEL ENCROACHMENTS ON PLAN				
31	POB				
32	Chk overwrites				
33	Compare Lot & Blk on plan to title blk				
34	CHECK OWNER NAMES IN PLAN CERTS				
35	CHECK LOT & BLK AT BOT. 2ND SHT DESC				
36	AREA SUMMARY				
37	CHECK ADDRESS				
38	Area printout				
39	Add riparian grant license # to desc, cert & PLAN				
40	*only if grant is in title report				
41	COORDINATES				
42	ENCROACHMENTS (IF 0.000 ON PLAN				
43	AND CHECK "NO" ON CERT)				
44	CHECK PLAN CERT FOR "JOINT TENANTS				
45	REMOVE IF IT DOESN'T APPLY				
46	COMPARE VESTING DEED OWNER NAME WITH PLAN CERT				
47	IF THE LOT IS VACANT, LABEL IT "VACANT LOT"				
48	CHECK EXCEPTIONS IN TITLE REPORT TO CERT				
49	READ AND CHECK METES AND BOUNDS DESC				
50	CHECK PARCEL SUMMARY , CHK POB COORD & ACREAGE				



Stabilization Survey

The Stabilization Survey will be developed from the aerial mapping and acquisition survey data. This will be a composite plan of the entire area with the following information added:

- Mean High Water Line (MHWL)
- Wetlands
- Existing topography
- Coastal wetlands from NJDEP GIS

After the plan is complete the PLS will then compare it to the Maser Consulting Blue Acres Stabilization Survey QA/QC checklist and mark it up. The markup will then be returned to the survey technician for revisions. The changes will be checked, and the final stabilization survey plan completed.

Blue Acres Project Map

Once all the acquisition surveys are complete, we will develop a Blue Acres Composite Map showing all of the surveyed lots along with:

- N/F owner names
- Owner ID
- Tax Block and Lot
- Municipality, County and Street Address

Deliverables

Once all of the deliverables have been approved by NJDEP, final paper and digital deliverables will be prepared according the project scope.





Technical Proposal
DPMC Project No. P1201-00

Section (g)
Project Schedule



PROJECT SCHEDULE



Technical Proposal

Project Schedule

It is our understanding that the NJDEP's objective is to obtain Acquisition Surveys, in accordance with "Green Acres" specifications, for 15 residential properties located in Downe Township, Cumberland County, New Jersey within **45 days**. It is also our understanding that a stabilization survey for the same lots is due within **90 days**.

Upon notice-to-proceed, we will have a kick-off meeting to review project objectives and deadlines. We will then coordinate site access and perform a field survey. First, we will set control and the acquisition surveys will be performed. From this a sample preliminary plan will be drafted and sent to the Green Acres surveyor for comment. The acquisition surveys will include a review of the title report and property boundary resolution. After this, the remaining acquisition plans will be developed and put through our QA/QC process developed from past-experience doing the same work. Lastly, we will use the acquisition survey base-map to create the stabilization survey plan showing the additional required features.

Note – Maser Consulting's Survey/Geospatial Group has over 80 survey crews and a staff of over 250 people that includes 15 Professional Licensed Land Surveyors. Many of these available resources are located in our eight (8) New Jersey offices.

Maser Consulting's **past experience** on performing the same services on 45 previous Blue Acre surveys in 2016 through 2018 will be invaluable to completing this project on schedule.





Technical Proposal
DPMC Project No. P1201-00

Section (h)
Certificate of Employee Information Report

CERTIFICATE OF EMPLOYEE INFORMATION REPORT

RENEWAL

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



MASER CONSULTING P.A.
331 NEWMAN SPRINGS ROAD
RED BANK NJ 07783

Elizabeth Maher Muoio

ELIZABETH MAHER MUOIO
 State Treasurer

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)

N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

- Letter of Federal Affirmative Action Plan Approval
- Certificate of Employee Information Report
- Employee Information Report Form AA302

(electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract-compliance)

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.

Vendor Signature: _____

Date: 7/2/19



Technical Proposal
DPMC Project No. P1201-00

Section (i)
Certification of Public Law 2005, Chapter 92

Public Law 2005, Chapter 92

Formerly: Executive Order 129

SOURCE DISCLOSURE CERTIFICATION FORM

Bidder: Maser Consulting P.A.

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>
Maser Consulting P.A.	Property Boundary Surveys	Downe Township, Cumberland County

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: Maser Consulting P.A.
[Name of Organization or Entity]

By: 

Title: Regional Survey Manager, Senior Principal

Print Name: Michael F. Burns, PLS

Date: 8/26/19

ORIGINAL

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

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

DATE: August 27, 2019
PROJECT NO.: P1201-00

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

**Final/Accepted
Fee Proposal**

THIS PROPOSAL DUE DATE, NO LATER THAN 2:00 PM, TUESDAY AUGUST 27, 2019

FIRM NAME Maser Consulting P.A.

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

	FEMA SURVEYS	Blue Acres SURVEYS
CONSULTANT ACQUISITION SURVEY SERVICES	\$ <u>\$15,000.00</u>	\$ <u>\$8,880.00</u>
CONSULTANT STABILIZATION SURVEY SERVICES	\$ <u>\$6,795.00</u>	\$ <u>\$5,835.00</u>
SUB CONSULTANT ACQUISITION SURVEY SERVICES	\$ _____	\$ _____
SUB CONSULTANT STABILIZATION SURVEY SERVICES	\$ _____	\$ _____
TOTAL LUMP SUM FEE FOR ALL SURVEY SERVICES	\$ _____	\$ _____
ALLOWANCE FOR WORK SPECIFIED BY THE CONSULTANT	\$ _____	\$ _____
TOTAL CONTRACT AMOUNT	\$ <u>\$21,795.00</u>	\$ <u>\$14,715.00</u>

PROPOSALS ARE BASED ON A LUMP SUM AMOUNT FOR ALL PROFESSIONAL SERVICES INDICATED
AND INCLUDES ALL REQUIRED SITE VISITS, OFFICE SUPPORT, REPRODUCTION EXPENSES, TRAVEL AND LODGING

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:  Print Name: Michael F. Burns, PLS

Title: Regional Survey Manager, Senior Principal Date: August 26, 2019

Witness Signature:  Print Name: Robert C. Kelly, Jr.

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)

RECEIVED
2019 SEP -6 A 9:05
TREASURY CLERK
PROCUREMENT

ORIGINAL

Final/Accepted Fee Proposal

CONSULTANT TASK/LABOR/FEE SHEET
A/E: MASER CONSULTING P.A.

Project # P1201-00

Project Name: Survey Service Requirements for Acquisition & Site-Specific Stabilization, Various Parcels

Project Location: Downe Township, Cumberland County, NJ

FEMA 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	\$250.00	\$210.00	\$	\$145.00	\$	\$105.00	\$95.00	SUB CONSULTANT DOCUMENTS	HOURS
										\$ AMOUNT
ACQUISITION SURVEY SERVICES	HOURS	8	15		40		25	15		103
	AMOUNT	\$2,000.00	\$3,150	\$	\$5,800	\$	\$2,625	\$1,425	\$15,000	\$15,000
STABILIZATION SURVEY SERVICES	HOURS	2	5		20		15	10		52
	AMOUNT	\$500	\$1,050	\$	\$2,900	\$	\$1,575	\$950	\$6,975	\$6,795
	HOURS									
	AMOUNT	\$	\$	\$	\$	\$	\$	\$	\$	\$
TOTAL	HOURS									
	AMOUNT	\$	\$	\$	\$	\$	\$	\$	\$	\$
						PROFESSIONAL SERVICES GRAND TOTALS			HOURS AMOUNT	155 \$21,795