



Certified: --

E-62-23

FILED WITH THE CLERK OF THE NASSAU
COUNTY LEGISLATURE MAY 30, 2023 3:52PM

NIFS ID: CQPW23000005

Capital:

Contract ID #: CQPW23000005

NIFS Entry Date: 04/17/2023

Department: Public Works

Service: TMC Operations Personnel Ph. 4 T62000-08E-PIN
0761.27

Term: Three (3) years from NTP

Contract Delayed:

| | | |
|---|-----------------------|------------|
| Slip Type: New | | |
| CRP: | | |
| Blanket Resolution: | | |
| Revenue: | Federal Aid: X | State Aid: |
| Vendor Submitted an Unsolicited Solicitation: | | |

| | |
|---|------------|
| 1) Mandated Program: | No |
| 2) Comptroller Approval Form Attached: | Yes |
| 3) CSEA Agmt. & 32 Compliance Attached: | Yes |
| 4) Significant Adverse Information Identified? (if yes, attach memo): | No |
| 5) Insurance Required: | Yes |

| Vendor/Municipality Info: | |
|--|-----------------------|
| Name: Greenman-Pedersen, Inc. | ID#: 112537074 |
| Main Address: 325 West Main StreetBabylon, NY 11702 | |
| Main Contact: Tracy Lobdell | |
| Main Phone: (631) 587-5060 | |

| Department: |
|---|
| Contact Name: Jeff Lindgren |
| Address: Nassau County Dept. of Public Works 1194 Prospect Ave Westbury, NY 11590 |
| Phone: (516) 571-6998 |
| Email: ldionisio@nassaucountyny.gov,ekobel@nassaucountyny.gov,amoore@nassaucountyny.gov,jlindren@nassaucountyny.gov |

Contract Summary

Purpose: To provide personnel for the day-to-day operation of County's Traffic Management Center (TMC) in Westbury. The proposed personnel will staff the TMC for for twenty-four (24) hours a day, seven (7) days a week. 80% Federally funded.

Method of Procurement: An RFP was advertised on August 19, 2022 in Newsday, NYS Contract Reporter and on the County's eProcure.

Procurement History: A proposal from one (1) firm was received on September 16, 2022. The technical proposal was evaluated by professionals from within the Department. The Evaluation Committee comprised of: Jeff Lindgren, Project Manager IV, Mike Hagan, Traffic Engineer III and Harold T. Lutz, Director of Traffic Engineering. Following the review, a technical rank was established, and the cost proposal was reviewed. Greenman-Pederson's proposed team and experience will continue to provide the best value to the County.

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| <p>Description of General Provisions: This is a Personal Services agreement to provide personnel for the day-to-day operation of the County's Traffic Management Center in Westbury.</p> |
| <p>Impact on Funding / Price Analysis: Funding source for the contract will be from Project Number T62000-08E, PIN 0761.27. This project receives an 80% federal subsidy utilizing Federal Highway Funds. The encumbrance of \$841,129.83 is for year 2023 of which \$672,903.86 will be covered by Federal Funds. The maximum amount of the contract is \$5,046,779.</p> |
| <p>Change in Contract from Prior Procurement: N/A</p> |
| <p>Recommendation: Approve as Submitted</p> |

Advisement Information

| Fund | Control | Resp. Center | Object | Index Code | Sub Object | Budget Code | Line | Amount |
|------|---------|--------------|--------|------------|------------|-------------|------|--------------|
| GEN | 01 | 0154 | DE | PWGEN | DE554 | PWGEN DE554 | 01 | \$841,129.83 |
| | | | | | | TOTAL | | \$841,129.83 |

| Additional Info | |
|---------------------|-----|
| Blanket Encumbrance | |
| Transaction | 103 |
| | |
| Renewal | |
| % Increase | |
| % Decrease | |

| Funding Source | Amount |
|-------------------|--------------|
| Revenue Contract: | |
| County | \$168,225.97 |
| Federal | \$672,903.86 |
| State | \$0.00 |
| Capital | \$0.00 |
| Other | \$0.00 |
| Total | \$841,129.83 |

Routing Slip

| Department | | | |
|---------------------------------|-----------------------|--------------------|-------------|
| NIFS Entry | Loretta Dionisio | 04/24/2023 03:42PM | Approved |
| NIFS Final Approval | Roseann D'Alleva | 04/24/2023 04:28PM | Approved |
| Final Approval | Roseann D'Alleva | 04/24/2023 04:28PM | Approved |
| County Attorney | | | |
| Approval as to Form | Richard Soleymanzadeh | 04/28/2023 09:33AM | Approved |
| RE & Insurance Verification | Andrew Amato | 04/25/2023 09:20AM | Approved |
| NIFS Approval | Mary Nori | 05/02/2023 05:26PM | Approved |
| Final Approval | Mary Nori | 05/02/2023 05:26PM | Approved |
| OMB | | | |
| NIFS Approval | Nadiya Gumieniak | 04/24/2023 04:45PM | Approved |
| NIFA Approval | Irfan Qureshi | 04/25/2023 09:48AM | Approved |
| Final Approval | Irfan Qureshi | 04/25/2023 09:48AM | Approved |
| Compliance & Vertical DCE | | | |
| Procurement Compliance Approval | Andrew Levey | 05/03/2023 12:12PM | Approved |
| DCE Compliance Approval | Robert Cleary | 05/12/2023 01:16PM | Approved |
| Vertical DCE Approval | Arthur Walsh | 05/25/2023 04:59PM | Approved |
| Final Approval | Arthur Walsh | 05/25/2023 04:59PM | Approved |
| Legislative Affairs Review | | | |
| Final Approval | Christopher Leimone | 05/30/2023 11:05AM | Approved |
| Legislature | | | |
| Final Approval | | | In Progress |
| Comptroller | | | |
| Claims Approval | | | Pending |
| Legal Approval | | | Pending |

| | | | |
|----------------------------|--|--|---------|
| Accounting / NIFS Approval | | | Pending |
| Deputy Approval | | | Pending |
| Final Approval | | | Pending |
| NIFA | | | |
| NIFA Approval | | | Pending |

RULES RESOLUTION NO. – 2023

A RESOLUTION AUTHORIZING THE COUNTY EXECUTIVE TO EXECUTE A PERSONAL SERVICES AGREEMENT BETWEEN THE COUNTY OF NASSAU, ACTING ON BEHALF OF THE NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS AND GREENMAN-PEDERSEN, INC.

WHEREAS, the County has negotiated a personal services agreement with Greenman-Pedersen, Inc., to provide personnel for the day-to-day operation of County's Traffic Management Center (TMC) in Westbury, a copy of which is on file with the Clerk of the Legislature; now, therefore, be it

RESOLVED, that the Rules Committee of the Nassau County Legislature authorizes the County Executive to execute the said agreement with Greenman-Pedersen, Inc.

CONTRACT FOR SERVICES

THIS AGREEMENT (together with the schedules, appendices, attachments and exhibits, if any, this "Agreement"), dated as of the date this Agreement is executed by the County of Nassau, between (i) County of Nassau Department of Public Works, having its principal office at 1194 Prospect Avenue, Westbury, New York 11590 (the "Department") acting for and on behalf of Nassau County, a municipal corporation having its principal office at 1550 Franklin Avenue, Mineola, New York 11501 (the "County") and (ii) Greenman-Pedersen Inc., a consultant firm having its principal office at 325 West Main Street, Babylon, NY 11720 (the "Firm" or the "Contractor").

WITNESSETH:

WHEREAS, the County desires to hire the Firm to perform the services described in this Agreement; and

WHEREAS, this is a personal service contract within the intent and purview of Section 2206 of the County Charter;

WHEREAS, the Firm desires to perform the services described in this Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants contained in this Agreement, the parties agree as follows:

1. Term. This term of this Agreement shall commence on the date on which this Agreement is executed by the County (the "Commencement Date") and terminate three (3) years from the Commencement Date (the "Expiration Date") unless sooner terminated or extended in accordance with its terms. Notwithstanding the foregoing, the Department, in its sole discretion, shall have the right to extend this Agreement for a period of up to one (1) year by delivering a notice of extension to the Firm at least thirty (30) days prior to the Expiration Date. The Agreement so extended shall be on the same terms, conditions and covenants as during the initial term except that the Expiration Date shall be modified in accordance with the notice of extension.

2. Services, Extra Services and Reimbursable Expenses.

(a) The services to be provided by the Firm under this Agreement, for the Traffic Management Center Operations Phase 4 shall consist of those specific work divisions and deliverables related to this project are more particularly described in the "Detailed Scope of Services," attached hereto and hereby made a part hereof as Exhibit "A".

(b) At any time during the term of this Agreement, the Department may, in its sole and absolute discretion, require the Firm to perform Extra Services. The Firm shall not perform, nor be compensated for, Extra Services without the prior written approval of the Commissioner. The Firm agrees to perform any such Extra Services in accordance with the terms and conditions contained in this Agreement. As used herein, "Extra Services" means additional services which are (i) generally within the scope of services set forth in this Agreement, (ii) necessary or in furtherance of the goals of this Agreement and (iii) not due to the fault or negligence of the Firm.

(c) For any additional services to be paid on actual salaries, the Firm shall be compensated for such extra services by an amount up equal to Two Point Two Six (2.26) times the actual salaries or wages paid to the technical personnel engaged in this phase of the work, exclusive of payroll taxes, insurance, and any and all fringe benefits. The Firm shall be compensated for such services performed by principals while engaging in a technical capacity in the project, based on the principal's hourly rate, times Two Point Six Five (2.65), exclusive of payroll taxes, insurance and any and all fringe benefits. Notwithstanding the foregoing, the maximum billable rate, after application of the multiplier, shall not exceed Two Hundred Twenty-Five (\$225.00) dollars per hour.

(d) The following items are not included in the Firm's fee, and shall be reimbursable at an actual cost as expenditures in the interest of the project, provided they have been approved in advance by the

Department in writing, and are subject to compliance with the County's bill paying procedures:

(1) The direct cost of expenses for travel to locations other than the County and or the project site, including transportation (coach unless otherwise authorized by the Department), reasonable meal and lodging expenses, at rates established by the County for its own employees, and as have been approved in advance by the Department.

(2) Testing Laboratory Services, controlled inspections, and the like.

(3) Messenger service and cables as not necessarily incurred in the performance of services hereunder by the Firm and their sub-consultants.

(4) Final models, photographs and renderings as requested by the County.

(5) Reproduction of design development and construction document drawings, specification, reports, and other documents furnished to, or on behalf of the County in excess of five (5) copies each. Any items prepared on behalf on the Firm or their sub-consultants shall not be paid for by the County.

(6) Direct costs incurred in the relocation of the Firm's temporary field offices.

(7) Other comparable expenses as approved by the Department.

3. Payment.

(a) Amount of Consideration. The amount to be paid to the Firm as full consideration for the Firm's services under this Agreement shall be payable as set forth in the "Payment Schedule," attached hereto and made a hereby part hereof as Exhibit "B". Notwithstanding the foregoing, the maximum amount to be paid to the Firm for the Firm's services under this Agreement, including any Extra Services and Contingency that may be so authorized, shall not exceed **Five Million Forty-Six Thousand Seven Hundred Seventy-Nine. (\$5,046,779)** dollars.

(b) Vouchers; Voucher Review, Approval and Audit. Payments shall be made to the Firm in arrears and shall be contingent upon (i) the Firm submitting a claim voucher (the "Voucher") in a form satisfactory to the County, that (a) states with reasonable specificity the services provided and the payment requested as consideration for such services, (b) certifies that the services rendered and the payment requested are in accordance with this Agreement, and (c) is accompanied by documentation satisfactory to the County supporting the amount claimed, and (ii) review, approval and audit of the Voucher by the Department and/or the County Comptroller or his or her duly designated representative (the "Comptroller").

(c) Timing of Payment Claims. The Firm shall submit claims no later than three (3) months following the County's receipt of the services that are the subject of the claim and no more frequently than once a month.

(d) No Duplication of Payments. Payments under this Agreement shall not duplicate payments for any work performed or to be performed under other agreements between the Firm and any funding source including the County.

(e) Payments in Connection with Termination or Notice of Termination. Unless a provision of this Agreement expressly states otherwise, payments to the Firm following the termination of this Agreement shall not exceed payments made as consideration for services that were (i) performed prior to termination, (ii) authorized by this Agreement to be performed, and (iii) not performed after the Firm received notice that the County did not desire to receive such services.

(f) Payments Relating to Services Rendered by Subcontractors. The County retains the right, but not the obligation, prior to making any payment to the Firm, to demand that the Firm furnish to the County, proof acceptable to the County, in its sole and absolute discretion, that all due and payable claims made by subcontractors in connection with this Agreement have been paid to date or are included in the amount being requested by the Firm.

4. Ownership and Control of Work Product

(a) Copyrights.

(i) Upon execution of this Agreement, any reports, documents, data, photographs and/or other materials produced pursuant to this Agreement, and any and all drafts and/or other preliminary materials in any format related to such items, shall become the exclusive property of the County.

(ii) Any reports, documents, data, photographs and/or other materials produced pursuant to this Agreement ("Copyrightable Materials") shall be considered "work-made-for-hire" within the meaning and purview of Section 101 of the United States Copyright Act, 17 U.S.C. §101, and the County shall be the copyright owner thereof and of all aspects, elements and components thereof in which copyright protection might exist. To the extent that the Copyrightable Materials do not qualify as "work-made-for-hire," the Firm hereby irrevocably transfers, assigns and conveys exclusive copyright ownership in and to the Copyrightable Materials to the County, free and clear of any liens, claims, or other encumbrances. The Firm shall retain no copyright or intellectual property interest in the Copyrightable Materials, and they shall be used by the Firm for no other purpose without the prior written permission of the County.

(iii) The Firm acknowledges that the County may, in its sole discretion, register copyright in the Copyrightable Materials with the U.S. Copyright Office or any other government agency authorized to grant copyright registrations. The Firm shall cooperate in this effort, and agrees to provide any further documentation necessary to accomplish this.

(iv) The Firm represents and warrants that the Copyrightable Materials: (1) are wholly original material not published elsewhere (except for material that is in the public domain); (2) do not violate any copyright law; (3) do not constitute defamation or invasion of the right of privacy or publicity, and (4) are not an infringement of any kind, of the rights of any third party. To the extent that the Copyrightable Materials incorporate any non-original material, the Firm has obtained all necessary permissions and clearances, in writing, for the use of such non-original material under this Agreement, copies of which shall be provided to the County upon execution of this Agreement.

(b) Patents and Inventions. Any discovery or invention arising out of or developed in the course of performance of this Agreement shall be promptly and fully reported to the Department, and if this work is supported by a federal grant of funds, shall be promptly and fully reported to the Federal Government for determination as to whether patent protection on such invention shall be sought and how the rights in the invention or discovery, including rights under any patent issued thereon, shall be disposed of and administered in order to protect the public interest.

(c) Pre-existing Rights. In no case shall 4(a) or 4(b) above apply to, or prevent the Firm from asserting or protecting its rights in any report, document or other data, or any invention which existed prior to or was developed or discovered independently from the activities directly related to this Agreement.

(d) Infringements of Patents, Trademarks, and Copyrights. The Firm shall indemnify and hold the County harmless against any claim for any infringement by the Firm of any copyright, trade secrets, trademark or patent rights of design, systems, drawings, graphs, charts, specifications or printed matter furnished or used by the Firm in the performance of this Agreement. The Firm shall indemnify and hold the County harmless regardless of whether or not the infringement arises out of compliance with the scope of services/scope of work.

(e) Antitrust. The Firm hereby assigns, sells, and transfers to the County all right, title and interest in and to any claims and causes of action arising under the antitrust laws of the State of New York or of the United States relating to the particular goods or services procured by the County under this Agreement.

5. Independent Contractor. The Firm is an independent contractor of the County. The Firm shall not, nor shall any officer, director, employee, servant, agent or independent contractor of the Firm (a "Firm's Agent"), be (i) deemed a County employee, (ii) commit the County to any obligation, or (iii) hold itself, himself, or herself out as a County employee or Person with the authority to commit the County to any obligation. As used in this Agreement the word "Person" means any individual person, entity (including

partnerships, corporations and limited liability companies), and government or political subdivision thereof (including agencies, bureaus, offices and departments thereof).

6. No Arrears or Default. The Firm is not in arrears to the County upon any debt or contract and it is not in default as surety, contractor, or otherwise upon any obligation to the County, including any obligation to pay taxes to, or perform services for or on behalf of, the County.

7. Compliance with Law.

(a) Generally. The Firm shall comply with any and all applicable Federal, State and local Laws, including, but not limited to those relating to conflicts of interest, human rights, a living wage, and disclosure of information, in connection with its performance under this Agreement. In furtherance of the foregoing, the Firm is bound by and shall comply with the terms of Appendices "EE" attached hereto and hereby made a part hereof. As used in this Agreement the word "Law" includes any and all statutes, local laws, ordinances, rules, regulations, applicable orders, and/or decrees, as the same may be amended from time to time, enacted, or adopted.

(b) Nassau County Living Wage Law. Pursuant to LL 1-2006, as amended, and to the extent that a waiver has not been obtained in accordance with such law or any rules of the County Executive, the Firm agrees as follows:

- (i) Firm shall comply with the applicable requirements of the Living Wage Law, as amended;
- (ii) Failure to comply with the Living Wage Law, as amended, may constitute a material breach of this Agreement, such breach being determined solely by the County. Firm has the right to cure such breach within thirty days of receipt of notice of breach from the County. In the event that such breach is not timely cured, the County may terminate this Agreement as well as exercise any other rights available to the County under applicable law.
- (iii) On a yearly basis, Firm shall provide the County with any material changes to its Certificate of Compliance, attached hereto and hereby made a part hereof as Appendix "L."

(c) Records Access. The parties acknowledge and agree that all records, information, and data ("Information") acquired in connection with performance or administration of this Agreement shall be used and disclosed solely for the purpose of performance and administration of the contract or as required by law. The Firm acknowledges that Firm's Information in the County's possession may be subject to disclosure under Article 6 of the New York State Public Officer's Law ("Freedom of Information Law" or "FOIL"). In the event that such a request for disclosure is made, the County shall make reasonable efforts to notify the Firm of such request prior to disclosure of the Information so that the Firm may take such action as it deems appropriate.

(d) Protection of Client Information. The Firm acknowledges and agrees that all information that the Firm acquires in connection with performance under this Agreement shall be strictly confidential, used solely for the purpose of performing services to or on behalf of the County, and shall not be disclosed to third parties except (i) as permitted under this Agreement, (ii) with the written consent of the County (and then only to the extent of the consent), or (iii) upon legal compulsion.

(e) Prohibition of Gifts. In accordance with County Executive Order 2-2018, the Contractor shall not offer, give, or agree to give anything of value to any County employee, agent, consultant, construction manager, or other person or firm representing the County (a "County Representative"), including members of a County Representative's immediate family, in connection with the performance by such County Representative of duties involving transactions with the Contractor on behalf of the County, whether such duties are related to this Agreement or any other County contract or matter. As used herein, "anything of value" shall include, but not be limited to, meals, holiday gifts, holiday baskets, gift cards, tickets to golf outings, tickets to sporting events, currency of any kind, or any other gifts, gratuities, favorable opportunities or preferences. For purposes of this subsection, an immediate family member shall include a spouse, child, parent, or sibling. The Contractor shall include the provisions of this subsection in each subcontract entered into under this Agreement.

(f) Disclosure of Conflicts of Interests. In accordance with County Executive Order 2-2018, the Contractor has disclosed as part of its response to the County's Business History Form, or other disclosure form(s), any and all instances where the Contractor employs any spouse, child, or parent of a County employee of the agency or department that contracted or procured the goods and/or services described under this Agreement. The Contractor shall have a continuing obligation, as circumstances arise, to update this disclosure throughout the term of this Agreement.

(g) Vendor Code of Ethics. By executing this Agreement, the Contractor hereby certifies and covenants that:

- i. The Contractor has been provided a copy of the Nassau County Vendor Code of Ethics issued on June 5, 2019, as may be amended from time to time (the "Vendor Code of Ethics"), and will comply with all of its provisions;
- ii. All of the Contractor's Participating Employees, as such term is defined in the Vendor Code of Ethics (the "Participating Employees"), have been provided a copy of the Vendor Code of Ethics prior to their participation in the underlying procurement;
- iii. All Participating Employees have completed the acknowledgment required by the Vendor Code of Ethics;
- iv. The Contractor will retain all of the signed Participating Employee acknowledgements for the period it is required to retain other records pertinent to performance under this Agreement;
- v. The Contractor will continue to distribute the Vendor Code of Ethics, obtain signed Participating Employee acknowledgments as new Participating Employees are added or changed during the term of this Agreement, and retain such signed acknowledgments for the period the Contractor is required to retain other records pertinent to performance under this Agreement; and The Contractor has obtained the certifications required by the Vendor Code of Ethics from any subcontractors or other lower tier participants who have participated in procurements for work performed under this Agreement.

8. Minimum Service Standards. Regardless of whether required by Law:

(a) The Firm shall, and shall cause Firm's Agents to, conduct its, his or her activities in connection with this Agreement so as not to endanger or harm any Person or property.

(b) The Firm shall deliver services under this Agreement in a professional manner consistent with the best practices of the industry in which the Firm operates. The Firm shall take all actions necessary or appropriate to meet the obligation described in the immediately preceding sentence, including obtaining and maintaining, and causing all Firm's Agents to obtain and maintain, all approvals, licenses, and certifications ("Approvals") necessary or appropriate in connection with this Agreement.

9. Indemnification; Defense; Cooperation.

(a) The Firm shall be solely responsible for and shall indemnify and hold harmless the County, the Department and its officers, employees, and agents (the "Indemnified Parties") from and against any and all liabilities, losses, costs, expenses (including, without limitation, attorneys' fees and disbursements) and damages ("Losses"), arising out of or in connection with any acts or omissions of the Firm or a Firm's Agent, regardless of whether due to negligence, fault, or default, including Losses in connection with any threatened investigation, litigation or other proceeding or preparing a defense to or prosecuting the same; provided, however, that the Firm shall not be responsible for that portion, if any, of a Loss that is caused by the negligence of the County.

(b) The Firm shall, upon the County's demand and at the County's direction, promptly and diligently defend, at the Firm's own risk and expense, any and all suits, actions, or proceedings which may be brought or instituted against one or more Indemnified Parties for which the Firm is responsible under this Section, and, further to the Firm's indemnification obligations, the Firm shall pay and satisfy any judgment, decree, loss or settlement in connection therewith.

(c) The Firm shall, and shall cause Firm's Agents to, cooperate with the County and the Department in connection with the investigation, defense or prosecution of any action, suit or proceeding in connection with this Agreement, including the acts or omissions of the Firm and/or a Firm's Agent in connection with this Agreement.

(d) The provisions of this Section shall survive the termination of this Agreement.

10. Insurance.

(a) Types and Amounts. The Firm shall obtain and maintain throughout the term of this Agreement, at its own expense: (i) one or more policies for commercial general liability insurance, which policy(ies) shall name "Nassau County" as an additional insured and have a minimum single combined limit of liability of not less than one million dollars (\$1,000,000) per occurrence and two million dollars (\$2,000,000) aggregate coverage, (ii) if contracting in whole or part to provide professional services, one or more policies for professional liability insurance, which policy(ies) shall have a minimum single combined limit liability of not less than one million dollars (\$1,000,000) per occurrence and two million dollars (\$2,000,000) aggregate coverage, (iii) compensation insurance for the benefit of the Firm's employees ("Workers' Compensation Insurance"), which insurance is in compliance with the New York State Workers' Compensation Law, and (iv) such additional insurance as the County may from time to time specify.

(b) Acceptability; Deductibles; Subcontractors. All insurance obtained and maintained by the Firm pursuant to this Agreement shall be (i) written by one or more commercial insurance carriers licensed to do business in New York State and acceptable to the County, and which is (ii) in form and substance acceptable to the County. The Firm shall be solely responsible for the payment of all deductibles to which such policies are subject. The Firm shall require any subcontractor hired in connection with this Agreement to carry insurance with the same limits and provisions required to be carried by the Firm under this Agreement.

(c) Delivery; Coverage Change; No Inconsistent Action. Prior to the execution of this Agreement, copies of current certificates of insurance evidencing the insurance coverage required by this Agreement shall be delivered to the Department. Not less than thirty (30) days prior to the date of any expiration or renewal of, or actual, proposed or threatened reduction or cancellation of coverage under, any insurance required hereunder, the Firm shall provide written notice to the Department of the same and deliver to the Department renewal or replacement certificates of insurance. The Firm shall cause all insurance to remain in full force and effect throughout the term of this Agreement and shall not take or omit to take any action that would suspend or invalidate any of the required coverages. The failure of the Firm to maintain Workers' Compensation Insurance shall render this contract void and of no effect. The failure of the Firm to maintain the other required coverages shall be deemed a material breach of this Agreement upon which the County reserves the right to consider this Agreement terminated as of the date of such failure.

11. Assignment, Amendment, Waiver, Subcontracting. This Agreement and the rights and obligations hereunder may not be in whole or part (i) assigned, transferred or disposed of, (ii) amended, (iii) waived, or (iv) subcontracted, without the prior written consent of the County Executive or his or her duly designated deputy (the "County Executive"), and any purported assignment, other disposal or modification without such prior written consent shall be null and void. The failure of a party to assert any of its rights under this Agreement, including the right to demand strict performance, shall not constitute a waiver of such rights.

12. Termination.

(a) Generally. This Agreement may be terminated (i) for any reason by the County upon thirty (30) days' written notice to the Firm, (ii) for "Cause" by the County immediately upon the receipt by the Firm of written notice of termination, (iii) upon mutual written Agreement of the County and the Firm, and (iv) in accordance with any other provisions of this Agreement expressly addressing termination.

As used in this Agreement the word "Cause" includes: (i) a breach of this Agreement; (ii) the failure to obtain and maintain in full force and effect all Approvals required for the services described in this Agreement to be legally and professionally rendered; and (iii) the termination or impending termination of federal or state funding for the services to be provided under this Agreement.

(b) By the Firm. This Agreement may be terminated by the Firm if performance becomes impracticable through no fault of the Firm, where the impracticability relates to the Firm's ability to perform its obligations and not to a judgment as to convenience or the desirability of continued performance. Termination under this subsection shall be effected by the Firm delivering to the commissioner or other head of the Department (the "Commissioner"), at least sixty (60) days prior to the termination date (or a shorter period if sixty days' notice is impossible), a notice stating (i) that the Firm is terminating this Agreement in accordance with this subsection, (ii) the date as of which this Agreement will terminate, and (iii) the facts giving rise to the Firm's right to terminate under this subsection. A copy of the notice given to the Commissioner shall be given to the Deputy County Executive who oversees the administration of the Department (the "Applicable DCE") on the same day that notice is given to the Commissioner.

(c) Firm's Assistance upon Termination. In connection with the termination or impending termination of this Agreement the Firm shall, regardless of the reason for termination, take all actions reasonably requested by the County (including those set forth in other provisions of this Agreement) to assist the County in transitioning the Firm's responsibilities under this Agreement. The provisions of this subsection shall survive the termination of this Agreement.

13. Accounting Procedures; Records. The Firm shall maintain and retain, for a period of six (6) years following the later of termination of or final payment under this Agreement, complete and accurate records, documents, accounts and other evidence, whether maintained electronically or manually ("Records"), pertinent to performance under this Agreement. Records shall be maintained in accordance with Generally Accepted Accounting Principles and, if the Firm is a non-profit entity, must comply with the accounting guidelines set forth in the federal Office of Management & Budget Circular A-122, "Cost Principles for Non-Profit Organizations." Such Records shall at all times be available for audit and inspection by the Comptroller, the Department, any other governmental authority with jurisdiction over the provision of services hereunder and/or the payment therefore, and any of their duly designated representatives. The provisions of this Section shall survive the termination of this Agreement.

14. Limitations on Actions and Special Proceedings against the County. No action or special proceeding shall lie or be prosecuted or maintained against the County upon any claims arising out of or in connection with this Agreement unless:

(a) Notice. At least thirty (30) days prior to seeking relief the Firm shall have presented the demand or claim(s) upon which such action or special proceeding is based in writing to the Applicable DCE for adjustment and the County shall have neglected or refused to make an adjustment or payment on the demand or claim for thirty (30) days after presentment. The Firm shall send or deliver copies of the documents presented to the Applicable DCE under this Section to each of (i) the Department and the (ii) the County Attorney (at the address specified above for the County) on the same day that documents are sent or delivered

to the Applicable DCE. The complaint or necessary moving papers of the Firm shall allege that the above-described actions and inactions preceded the Firm's action or special proceeding against the County.

(b) Time Limitation. Such action or special proceeding is commenced within the earlier of (i) one (1) year of the first to occur of (A) final payment under or the termination of this Agreement, and (B) the accrual of the cause of action, and (ii) the time specified in any other provision of this Agreement.

15. Work Performance Liability. The Firm is and shall remain primarily liable for the successful completion of all work in accordance this Agreement irrespective of whether the Firm is using a Firm's Agent to perform some or all of the work contemplated by this Agreement, and irrespective of whether the use of such Firm's Agent has been approved by the County.

16. Consent to Jurisdiction and Venue; Governing Law. Unless otherwise specified in this Agreement or required by Law, exclusive original jurisdiction for all claims or actions with respect to this Agreement shall be in the Supreme Court in Nassau County in New York State and the parties expressly waive any objections to the same on any grounds, including venue and forum non conveniens. This Agreement is intended as a contract under, and shall be governed and construed in accordance with, the Laws of New York State, without regard to the conflict of laws provisions thereof.

17. Notices. Any notice, request, demand or other communication required to be given or made in connection with this Agreement shall be (a) in writing, (b) delivered or sent (i) by hand delivery, evidenced by a signed, dated receipt, (ii) postage prepaid via certified mail, return receipt requested, or (iii) overnight delivery via a nationally recognized courier service, (c) deemed given or made on the date the delivery receipt was signed by a County employee, three (3) business days after it is mailed or one (1) business day after it is released to a courier service, as applicable, and (d)(i) if to the Department, to the attention of the Commissioner at the address specified above for the Department, (ii) if to an Applicable DCE, to the attention of the Applicable DCE (whose name the Firm shall obtain from the Department) at the address specified above for the County, (iii) if to the Comptroller, to the attention of the Comptroller at 240 Old Country Road, Mineola, NY 11501, and (iv) if to the Firm, to the attention of the person who executed this Agreement on behalf of the Firm at the address specified above for the Firm, or in each case to such other persons or addresses as shall be designated by written notice.

18. All Legal Provisions Deemed Included; Severability; Supremacy and Construction.

(a) Every provision required by Law to be inserted into or referenced by this Agreement is intended to be a part of this Agreement. If any such provision is not inserted or referenced or is not inserted or referenced in correct form then (i) such provision shall be deemed inserted into or referenced by this Agreement for purposes of interpretation and (ii) upon the application of either party this Agreement shall be formally amended to comply strictly with the Law, without prejudice to the rights of either party.

(b) In the event that any provision of this Agreement shall be held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby.

(c) Unless the application of this subsection will cause a provision required by Law to be excluded from this Agreement, in the event of an actual conflict between the terms and conditions set forth above the signature page to this Agreement and those contained in any schedule, exhibit, appendix, or attachment to this Agreement, the terms and conditions set forth above the signature page shall control. To the extent possible, all the terms of this Agreement should be read together as not conflicting.

(d) Each party has cooperated in the negotiation and preparation of this Agreement. Therefore, in the event that construction of this Agreement occurs, it shall not be construed against either party as drafter.

19. Section and Other Headings. The section and other headings contained in this Agreement are for reference purposes only and shall not affect the meaning or interpretation of this Agreement.

20. Entire Agreement. This Agreement represents the full and entire understanding and agreement between the parties with regard to the subject matter hereof and supersedes all prior agreements (whether written or oral) of the parties relating to the subject matter of this Agreement.

21. Administrative Service Charge. The Firm agrees to pay the County an administrative service charge of five hundred thirty three dollars (\$533) for the processing of this Agreement pursuant to Ordinance Number 74-1979, as amended by Ordinance Number 128-2006. The administrative service charge shall be due and payable to the County by the Firm upon signing this Agreement.

22. Joint Venture.

(a) If the Firm is comprised of more than one legal entity or any group of partners or joint venturers associated for the purpose of undertaking this Agreement, each such entity acknowledges and hereby affirmatively represents and agrees that each has the power to bind the Firm and each of the others hereunder; and as such, each acts both as principal and agent of the Firm and of each of the others hereunder. Each further acknowledges and agrees that all such entities, partners or joint venturers associated for the purposes of undertaking this Agreement shall be jointly and severally liable to third parties, including but not limited to the County, for the acts or omissions of the Firm or any other entity, partner or joint venturer hereunder.

(b) If the Firm is comprised of more than one legal entity or any group of partners or joint venturers associated for the purposes of undertaking this agreement, each such entity acknowledges and hereby affirmatively represents and agrees that the respective rights, duties and liabilities of each hereunder shall be governed by the laws of the State of New York, including but not limited to the New York Partnership Law.

23. Executory Clause. Notwithstanding any other provision of this Agreement:

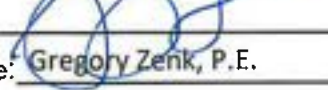
(a) Approval and Execution. The County shall have no liability under this Agreement (including any extension or other modification of this Agreement) to any Person unless (i) all County approvals have been obtained, including, if required, approval by the County Legislature, and (ii) this Agreement has been executed by the County Executive (as defined in this Agreement).

(b) Availability of Funds. The County shall have no liability under this Agreement (including any extension or other modification of this Agreement) to any Person beyond funds appropriated or otherwise lawfully available for this Agreement, and, if any portion of the funds for this Agreement are from the state and/or federal governments, then beyond funds available to the County from the state and/or federal governments.

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IN WITNESS WHEREOF, the Firm and the County have executed this Agreement as of the date first above written.

GREENMAN-PEDERSEN, INC.

By: 
Name: Gregory Zenk, P.E.
Title: Executive Vice President
Date: April 12, 2023

NASSAU COUNTY

By: _____
Name: _____
Title: County Executive
Date: _____

PLEASE EXECUTE IN BLUE INK


STATE OF NEW YORK)

)ss.:

COUNTY OF SUFFOLK)

On the 12th day of April in the year 2023 before me personally came Gregory Zenk, P.E. to me personally known, who, being by me duly sworn, did depose and say that he or she resides in the County of Suffolk County; that he or she is the Executive Vice President of Greenman-Pedersen, Inc. the corporation described herein and which executed the above instrument; and that he or she signed his or her name thereto by authority of the board of directors of said corporation.

NOTARY PUBLIC


ADEN RIMPEL
Notary Public, State of New York
No. 01R16077065
Qualified in Suffolk County
Commission Expires July 1, 2024

STATE OF NEW YORK)

)ss.:

COUNTY OF NASSAU)

On the _____ day of _____ in the year 20__ before me personally came _____ to me personally known, who, being by me duly sworn, did depose and say that he or she resides in the County of _____; that he or she is a Deputy County Executive of the County of Nassau, the municipal corporation described herein and which executed the above instrument; and that he or she signed his or her name thereto pursuant to Section 205 of the County Government Law of Nassau County.

NOTARY PUBLIC

EXHIBIT A

Scope of Work

Detailed Scope of Services
Traffic Management Center Operations Personnel Phase IV
Basic Services of the Firm

SCOPE OF SERVICES

Subject to the written direction, control and supervision of the Commissioner and encumbrance thereof by the County Comptroller for the required purpose, the Firm agrees to provide personnel for the day-to-day operation of the Traffic Management Center in Westbury, New York.

1. PERSONNEL

TMC Personnel

The chosen firm shall provide four (4) full time personnel dedicated to the operation of the County's Traffic Management Center. The four (4) full time staff will be identified as follows: One (1) Supervising Operator and (3) TMC Operators. Personnel will be tasked with monitoring traffic incident management cameras, traffic speed maps, and traffic signal status displays utilizing various computer workstations in the TMC. Personnel will also be tasked with answering the phones, providing inter-agency coordination and organization of planned or unplanned traffic related incidents, reacting to roadway incidents and vehicle congestion by providing information to social media and roadside electronic message signs for motorists. During non-peak periods, personnel may be asked to perform other tasks related to the Traffic Management Center. These tasks include, but are not limited to, traffic signal timing modifications, synchro analysis, network maintenance and other administrative tasks such as preparing reports, attending to FOIL requests, updating database information or preparing packages for shipping.

Personnel shall report to the Traffic Management Center on a daily basis and will report to the County's Project Manager.

Personnel must be flexible and willing to work all hours of the day or night, depending their assigned shift. Working hours will follow the Panama Schedule 24/7 Shift Coverage. An example of this schedule can be found in Exhibit C. The 12 hour tour shift changes will occur at 10:00 AM and 10:00 PM daily.

During large storms (hurricanes, nor'easter, etc.) or other emergencies, personnel may be required to remain at the TMC for extended durations, and may be working in teams of two at times to handle additional workload.

In order to ensure that the Traffic Management Center is always occupied, a fifth and sixth employee will be identified as "Alternates". These alternate employees will be trained and available to fill open shifts due to vacations, illness, employee vacancies or any other reason. This alternate employee must be available for work with very little notice. In general, all TMC employees must be flexible and would be asked to maintain availability during non-work hours in the event additional staff is needed at the TMC due to emergencies and illnesses.

Supervising Operator

One full time TMC Operator will be proposed and identified as the "Supervising Operator" and will have additional responsibilities such as; scheduling, training, report generation, attendance at meetings, information organization, time off approval, and will resolve any personnel issues that may arise (see section 2 of this document). The Supervising Operator will serve as point of contact for the firm's staff and will also be involved with procedure and policy decisions.

Operations Manager

The chosen firm shall provide one (1) full time Operations Manager assigned to the Traffic Management Center. This person will be tasked with reviewing and approving traffic signal timing changes, database management, establishing and updating Traffic Management policies and procedures, assist the County's Project Manager and Network Engineering staff with various administrative tasks, training of current and new employees, overseeing of the Traffic Management webpage, facebook, twitter and other social media sites, public information officer, and anything else the County's project manager may assign.

The Operations Manager shall report to the Traffic Management Center on a daily basis and will report directly to the County's Project Manager. The Operations Manager may be required to perform some field work, attend meetings, or visit other remote Traffic Management facilities.

The Operations Manager will be given workspace and a computer. Work schedule must be flexible, but the normal assigned work schedule will be from 8:00 AM to 5:00 PM (including 1 hour lunch break), Monday through Friday (excluding holidays).

Network Engineer Personnel

The chosen firm shall provide one (1) full time Network Engineer and one (1) full time Deputy Network Engineer dedicated to the County's Traffic Management Center. This person will be tasked with monitoring network traffic, bandwidth utilization, access, implementing security protocols, firmware upgrades, configuration backups, troubleshooting, IP and VLAN assignments, port and switch configuration, network equipment inventory desktop and laptop assignment and the daily operation of the Traffic Management network.

The Network Engineer Personnel shall report to the Traffic Management Center on a daily basis and will report directly to the County's Project Manager. The Network Engineer Personnel may be required to perform some field work to check on equipment and/or troubleshoot failing equipment or other network assets in the field.

The Network Engineer will be given access to basic network testing equipment such as cat6 cable testing equipment, and an Optical Time Deflection Reflectometer. Any tools or equipment required should be provided by the firm if not available at the County. The firm should also provide the Network Engineer and the Deputy Network Engineer a NEW laptop appropriate for the position with Verizon 4G access for the duration of the contract. Work schedule must be flexible, but the normal assigned work schedule will be from 8:00 AM to 5:00 PM (including 1 hour lunch break), Monday through Friday (excluding holidays). The County's Project Manager may choose to split the shifts of the Network Engineer and Deputy Engineer in order to have an IT presence on-site from 7:00 AM to 7:00 PM Monday through Friday (excluding holidays).

Field Technician

The chosen firm shall provide one (1) full time Field Technician dedicated to Nassau County Traffic Management. This person will report directly to the County's Project Manager and will work Monday through Friday (excluding holidays). The Field Technician will be required to have a flexible schedule and could be asked to work a 9 hour shift (including 1 hour meal break) between the hours of 7:00 AM and 7:00 PM. The Field Technician may be asked to work overtime for special events, weather events, and could be called in during off-hours for emergency work as needed. The field technician will be provided with a County vehicle for use during working hours.

The Field Technician will be responsible for day-to-day operations and maintenance of the Traffic Management Field Operations equipment which includes, but is not limited to; portable traffic signal trailers, VMS trailers, camera trailers, RWIS trailers, flashing beacon trailers, Incident Management trailers, generator trailers, and portable generators to ensure this equipment is available for deployment at a moments notice. In addition, they will be responsible for equipment inventory and operations of the Traffic Management warehouse. The Field Technician will be required to deploy and retrieve Traffic Management trailers and equipment as directed by the County's Project Manager.

For contract staff working exclusively for Nassau County Traffic Management, all proposed wage rate increases for full-time staff assigned to this contract shall be reviewed and approved by the County Project Manager prior to implementation. Operations staff will be paid overtime rate for all time charged on Federal Holidays regardless of total hours worked during the respective pay period.

2. QUALIFICATIONS AND MINIMUM REQUIREMENTS

TMC Operators shall meet or exceed all of the following:

- Associates degree from an accredited college or university and a minimum of (1) one year of satisfactory experience in traffic engineering, traffic signal inspection or computer related work OR Graduation from High School and a minimum of (2) years' experience as an Operator in a comparable sized Traffic Management or Traffic Operations Center.

- Knowledge of computers in a PC Windows based environment including Microsoft Office.
- Knowledge of the use of Synchro and Tru-Traffic Software
- Knowledge of the operation of standard traffic control devices like signs, signals, and pavement markings.
- Basic understanding of the IP based equipment addressing.
- Ability to perform basic network troubleshooting.
- Ability to perform arithmetical computations.
- Ability to understand and follow oral and written instructions.
- Ability to communicate effectively both written and verbal.
- Ability to establish and maintain relationships with associates, municipal officials, and the general public.

Supervising Operator shall meet or exceed all of the following:

- Must have at least three (3) years' experience as an Operator in a comparable sized Traffic Management or Traffic Operations Center.
- Meet or exceed the requirements listed for "TMC Operator"
- Knowledge in the use of Siemens traffic signal control software.
- Knowledge in the use of Actelis Metta-Assist software.
- Knowledge of Cisco Network Assistant software.
- Ability to interact with and provide direction to subordinates.
- Possess basic personnel and administrative management skills.

Operations Manager shall meet or exceed all of the following:

- Must have at least three (3) years' experience as a Supervising Operator in a comparable sized Traffic Management or Traffic Operations Center.
- Meet or exceed the requirements listed for "Supervising Operator"
- Ability to convey instruction and provide training in a classroom type environment.
- Knowledge of network architecture.
- Knowledge of traffic signal timing, time space diagrams and signal progressions.
- Ability to interact with and provide direction to subordinates.
- Ability to perform various administrative activities.

Network Engineer shall meet or exceed all of the following:

- BS/BA in Information Systems, Computer Science or Security Systems.
- Must possess a current Cisco Certification (CCNA).
- Must possess a current Cisco Certification (CCNP Enterprise)
- Knowledge of computers in a PC Windows based environment.
- Knowledge of Microsoft software.
- Knowledge of TCP/IP, SNMP, Multicast Video.
- Knowledge of LAN equipment configuration and command line interface commands.
- Knowledge of LAN/WAN routing protocol operation.
- Knowledge of LAN/WAN security standards and protocols.
- Knowledge of Siemens Tactics Signal Software.
- Knowledge of Teleste Video Management Software.
- Experience managing SQL databases.
- Experience with network trouble shooting.
- Experience installing and configuring Cisco Catalyst, Etherwan, and Actelis switches.
- Experience with Cisco AFA Firewall configuration.

Deputy Network Engineer shall meet or exceed all of the following:

- BS/BA in Information Systems, Computer Science or Security Systems.
- Must possess a current Cisco Certification (CCNA).
- Knowledge of computers in a PC Windows based environment.
- Knowledge of Microsoft software.
- Knowledge of TCP/IP, SNMP, Multicast Video.

- Knowledge of LAN equipment configuration and command line interface commands.
- Knowledge of LAN/WAN routing protocol operation.
- Knowledge of LAN/WAN security standards and protocols.
- Knowledge of Siemens Tactics Signal Software.
- Knowledge of Teleste Video Management Software.
- Experience with network trouble shooting.
- Experience installing and configuring Cisco Catalyst, Etherwan, and Actelis switches.

Field Technician shall meet or exceed all of the following:

- Associates degree from an accredited college or university and a minimum of one (1) year satisfactory experience in traffic signal operations or traffic signal construction/inspection.
- Knowledge of computers in a PC Windows based environment including Microsoft Office.
- Ability to perform arithmetical computations.
- Ability to understand and follow oral and written instructions.
- Ability to communicate effectively both written and verbal.
- Ability to establish and maintain relationships with associates, municipal officials, and the general public.
- The ability to lift and move field equipment and other medium weighted objects.
- The ability to work outside in the summer and winter for extended periods of time.
- The ability to work with his/her hands, maintain field equipment both motorized and hydraulic.
- Knowledge of and the ability to test and work on low voltage electrical wiring.
- The ability to tow and back up trailers.
- Must have a clean, valid New York State Class D driver's license.

3. **ENGINEERING SERVICES**

Engineering services related to Nassau County Traffic Management may be required during the course of this contract. In the event engineering services are needed, the firm will be asked to prepare and submit a technical proposal along with a cost estimate. The proposal will be reviewed, and if approved, additional money will be encumbered to pay for the engineering services under a separate payment line.

4. **DATABASE MAINTENANCE**

The firm will be reimbursed for expenses related to the operation and maintenance of the Traffic Management database. This Microsoft SQL database tracks all aspects of the County's Traffic Management program including incidents, response, equipment inventory and replacement, lane closure program, scheduling, contacts and personnel. The firm will be provided with a \$100,000 allowance for actual salaries paid to the approved technical personnel engaged in performing the service at the multiplier listed for engineering support as listed in section I.A of the Payment Schedule in Exhibit B.

5. **REIMBURSABLE EXPENCES**

The firm will be reimbursed for the expenses listed below related to the Traffic Management Center. All expenses must be approved by the County's Project Manager prior to reimbursement. In order to expedite some of the emergency purchases, the Operations Manager must be granted purchasing authority on behalf of the firm.

- Uniform clothing
- Meals related to storms and other emergencies
- Computer supplies
- Staff working on a Federal Holiday will receive to a \$20 meal allowance
- Office, cleaning and administrative supplies
- Traffic data collection equipment
- Tools and test equipment
- Mileage for Network Engineer personnel when performing work related tasks

The firm will be provided with a \$50,000 reimbursable expenses allocation as part of this contract.

EXHIBIT B

Payment Schedule

Traffic Management Center Operations Personnel

Payment(s) to the Firm for all services under this Agreement that are authorized by the Department shall be made in accordance with Section 3 of this Agreement and further described below:

I. SERVICES

- A. Payment for services under this agreement shall be made on the actual salaries paid to the approved technical personnel engaged in performing the service as set forth in the Maximum Hourly wage Rate schedule as defined below, exclusive of payroll taxes, insurance, and any and all fringe benefits, times a multiplier of two point two six (2.26) shall be used for Traffic Management Center Personnel and any approved alternate, and a multiplier of two point six five (2.65) shall be used for any technical engineering support and project management staff. The method of determining compensation shall be established for each project as set forth in the Department's written Task Order.

Work on this project will be 24 hours a day, 7 days a week for a three-year period.

B. Subconsultants and Special Subconsultants

Subconsultants engaged by the Firm, with the prior written consent of the Commissioner, shall be compensated on the same basis as provided in paragraphs provided herein for employees of the firm unless the Firm has been approved to utilize a subconsultant that has a firm multiplier that is below that stated above for the Firm. The Firm shall be reimbursed the actual cost of the fees of the subconsultant and in the case of special subconsultants, the Firm shall be permitted to claim five (5) percent of the cost of the subconsultant's services as compensation for coordinating or otherwise supervising the work of the special subconsultant.

The Firm shall first obtain the approval of the Commissioner before retaining any special consultant for services other than any of the services for which the Firm has claimed skill and experience forming the basis of this agreement.

II. MAXIMUM HOURLY WAGE RATE SCHEDULE:

The "Maximum Hourly Wage Rate Schedule" annexed hereto and made a part hereof as Exhibit "C" shall list the job classifications and maximum hourly wage rate for each classification. The salaries of all employees rendering services under this Agreement must be within the limits of the approved Maximum Hourly Wage Rate Schedule. The Maximum Hourly Wage Rate schedule shall be adjusted annually in accordance with any wage increases granted to County employees in the Civil Service Employees Association. Subject to written approval of the Department, the Firm may grant an employee a salary increase within a classification or a change of a classification upon written notification to the Department one month prior to the effective date of such an increase. Premium pay for overtime work, over and above the straight hourly rate, performed for any services rendered under this agreement shall not be subject to any multiplier. In computing the cost to the County for overtime work performed, the overtime period shall be paid at the agreed multiplier times the straight hourly rate plus the actual premium cost incurred as set forth on the Maximum Hourly Wage Rate schedule. Notwithstanding the foregoing, the maximum billable rate, after the application of a multiplier for any services provided under the terms of this agreement shall not exceed Two Hundred Twenty-Five (\$225) dollars per hour.

EXHIBIT C Payment Schedule

Sample Work Schedule Traffic Management Center Operations Personnel

Traffic Management Center Operations personnel will follow the Panama Shift Schedule 24/7 Shift Coverage. This is a slow rotating shift pattern that used 4 Operators and two 12 hour shifts to provide 24/7 coverage. The working and non-working days follow this pattern: 2 days on, 2 days off, 3 days on, 2 days off, 2 days on, 3 days off. Each operator works the same shift (day or night) for 28 days then switches to the other shift for the next 28 days. After 56 days, the sequence starts over. This plan provides the operators with every other weekend off, and a minimum of 8 overtime hours per month.

The calendar below shows a sample of a 56 day schedule.

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Operator3 Operator4 | Operator1 Operator2 | Operator1 Operator2 | Operator3 Operator4 | Operator3 Operator4 | Operator1 Operator2 | Operator1 Operator2 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Operator1 Operator2 | Operator3 Operator4 | Operator3 Operator4 | Operator1 Operator2 | Operator1 Operator2 | Operator3 Operator4 | Operator3 Operator4 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| Operator3 Operator4 | Operator1 Operator2 | Operator1 Operator2 | Operator3 Operator4 | Operator3 Operator4 | Operator1 Operator2 | Operator1 Operator2 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| Operator1 Operator2 | Operator3 Operator4 | Operator3 Operator4 | Operator1 Operator2 | Operator1 Operator2 | Operator3 Operator4 | Operator3 Operator4 |
| | | | | | | |
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Operator4 Operator3 | Operator2 Operator1 | Operator2 Operator1 | Operator4 Operator3 | Operator4 Operator3 | Operator2 Operator1 | Operator2 Operator1 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Operator2 Operator1 | Operator4 Operator3 | Operator4 Operator3 | Operator2 Operator1 | Operator2 Operator1 | Operator4 Operator3 | Operator4 Operator3 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| Operator4 Operator3 | Operator2 Operator1 | Operator2 Operator1 | Operator4 Operator3 | Operator4 Operator3 | Operator2 Operator1 | Operator2 Operator1 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| Operator2 Operator1 | Operator4 Operator3 | Operator4 Operator3 | Operator2 Operator1 | Operator2 Operator1 | Operator4 Operator3 | Operator4 Operator3 |

Appendix "EE"

Equal Employment Opportunities for Minorities and Women

The provisions of this Appendix EE are hereby made a part of the document to which it is attached.

The Contractor shall comply with all federal, State and local statutory and constitutional anti-discrimination provisions. In addition, Local Law No. 14-2002, entitled "Participation by Minority Group Members and Women in Nassau County Contracts," governs all County Contracts as defined herein and solicitations for bids or proposals for County Contracts. In accordance with Local Law 14-2002:

(a) The Contractor shall not discriminate against employees or applicants for employment because of race, creed, color, national origin, sex, age, disability or marital status in recruitment, employment, job assignments, promotions, upgradings, demotions, transfers, layoffs, terminations, and rates of pay or other forms of compensation. The Contractor will undertake or continue existing programs related to recruitment, employment, job assignments, promotions, upgradings, transfers, and rates of pay or other forms of compensation to ensure that minority group members and women are afforded equal employment opportunities without discrimination.

(b) At the request of the County contracting agency, the Contractor shall request each employment agency, labor union, or authorized representative of workers with which it has a collective bargaining or other agreement or understanding, to furnish a written statement that such employment agency, union, or representative will not discriminate on the basis of race, creed, color, national origin, sex, age, disability, or marital status and that such employment agency, labor union, or representative will affirmatively cooperate in the implementation of the Contractor's obligations herein.

(c) The Contractor shall state, in all solicitations or advertisements for employees, that, in the performance of the County Contract, all qualified applicants will be afforded equal employment opportunities without discrimination because of race, creed, color, national origin, sex, age, disability or marital status.

(d) The Contractor shall make best efforts to solicit active participation by certified minority or women-owned business enterprises ("Certified M/WBEs") as defined in Section 101 of Local Law No. 14-2002, for the purpose of granting of Subcontracts.

(e) The Contractor shall, in its advertisements and solicitations for Subcontractors, indicate its interest in receiving bids from Certified M/WBEs and the requirement that Subcontractors must be equal opportunity employers.

(f) Contractors must notify and receive approval from the respective Department Head prior to issuing any Subcontracts and, at the time of requesting such authorization, must submit a signed Best Efforts Checklist.

(g) Contractors for projects under the supervision of the County's Department of Public Works shall also submit a utilization plan listing all proposed Subcontractors so

that, to the greatest extent feasible, all Subcontractors will be approved prior to commencement of work. Any additions or changes to the list of subcontractors under the utilization plan shall be approved by the Commissioner of the Department of Public Works when made. A copy of the utilization plan any additions or changes thereto shall be submitted by the Contractor to the Office of Minority Affairs simultaneously with the submission to the Department of Public Works.

(h) At any time after Subcontractor approval has been requested and prior to being granted, the contracting agency may require the Contractor to submit Documentation Demonstrating Best Efforts to Obtain Certified Minority or Women-owned Business Enterprises. In addition, the contracting agency may require the Contractor to submit such documentation at any time after Subcontractor approval when the contracting agency has reasonable cause to believe that the existing Best Efforts Checklist may be inaccurate. Within ten working days (10) of any such request by the contracting agency, the Contractor must submit Documentation.

(i) In the case where a request is made by the contracting agency or a Deputy County Executive acting on behalf of the contracting agency, the Contractor must, within two (2) working days of such request, submit evidence to demonstrate that it employed Best Efforts to obtain Certified M/WBE participation through proper documentation.

(j) Award of a County Contract alone shall not be deemed or interpreted as approval of all Contractor's Subcontracts and Contractor's fulfillment of Best Efforts to obtain participation by Certified M/WBEs.

(k) A Contractor shall maintain Documentation Demonstrating Best Efforts to Obtain Certified Minority or Women-owned Business Enterprises for a period of six (6) years. Failure to maintain such records shall be deemed failure to make Best Efforts to comply with this Appendix EE, evidence of false certification as M/WBE compliant or considered breach of the County Contract.

(l) The Contractor shall be bound by the provisions of Section 109 of Local Law No. 14-2002 providing for enforcement of violations as follows:

- a. Upon receipt by the Executive Director of a complaint from a contracting agency that a County Contractor has failed to comply with the provisions of Local Law No. 14-2002, this Appendix EE or any other contractual provisions included in furtherance of Local Law No. 14-2002, the Executive Director will try to resolve the matter.
- b. If efforts to resolve such matter to the satisfaction of all parties are unsuccessful, the Executive Director shall refer the matter, within thirty days (30) of receipt of the complaint, to the American Arbitration Association for proceeding thereon.
- c. Upon conclusion of the arbitration proceedings, the arbitrator shall submit to the Executive Director his recommendations regarding the imposition of sanctions, fines or penalties. The Executive Director shall either (i) adopt the recommendation of the arbitrator (ii) determine that

no sanctions, fines or penalties should be imposed or (iii) modify the recommendation of the arbitrator, provided that such modification shall not expand upon any sanction recommended or impose any new sanction, or increase the amount of any recommended fine or penalty. The Executive Director, within ten days (10) of receipt of the arbitrators award and recommendations, shall file a determination of such matter and shall cause a copy of such determination to be served upon the respondent by personal service or by certified mail return receipt requested. The award of the arbitrator, and the fines and penalties imposed by the Executive Director, shall be final determinations and may only be vacated or modified as provided in the civil practice law and rules ("CPLR").

(m) The contractor shall provide contracting agency with information regarding all subcontracts awarded under any County Contract, including the amount of compensation paid to each Subcontractor and shall complete all forms provided by the Executive Director or the Department Head relating to subcontractor utilization and efforts to obtain M/WBE participation.

Failure to comply with provisions (a) through (m) above, as ultimately determined by the Executive Director, shall be a material breach of the contract constituting grounds for immediate termination. Once a final determination of failure to comply has been reached by the Executive Director, the determination of whether to terminate a contract shall rest with the Deputy County Executive with oversight responsibility for the contracting agency.

Provisions (a), (b) and (c) shall not be binding upon Contractors or Subcontractors in the performance of work or the provision of services or any other activity that are unrelated, separate, or distinct from the County Contract as expressed by its terms.

The requirements of the provisions (a), (b) and (c) shall not apply to any employment or application for employment outside of this County or solicitations or advertisements therefor or any existing programs of affirmative action regarding employment outside of this County and the effect of contract provisions required by these provisions (a), (b) and (c) shall be so limited.

The Contractor shall include provisions (a), (b) and (c) in every Subcontract in such a manner that these provisions shall be binding upon each Subcontractor as to work in connection with the County Contract.

As used in this Appendix EE the term "Best Efforts Checklist" shall mean a list signed by the Contractor, listing the procedures it has undertaken to procure Subcontractors in accordance with this Appendix EE.

As used in this Appendix EE the term "County Contract" shall mean (i) a written agreement or purchase order instrument, providing for a total expenditure in excess of twenty-five thousand dollars (\$25,000), whereby a County contracting agency is committed to expend or does expend funds in return for labor, services, supplies,

equipment, materials or any combination of the foregoing, to be performed for, or rendered or furnished to the County; or (ii) a written agreement in excess of one hundred thousand dollars (\$100,000), whereby a County contracting agency is committed to expend or does expend funds for the acquisition, construction, demolition, replacement, major repair or renovation of real property and improvements thereon. However, the term "County Contract" does not include agreements or orders for the following services: banking services, insurance policies or contracts, or contracts with a County contracting agency for the sale of bonds, notes or other securities.

As used in this Appendix EE the term "County Contractor" means an individual, business enterprise, including sole proprietorship, partnership, corporation, not-for-profit corporation, or any other person or entity other than the County, whether a contractor, licensor, licensee or any other party, that is (i) a party to a County Contract, (ii) a bidder in connection with the award of a County Contract, or (iii) a proposed party to a County Contract, but shall not include any Subcontractor.

As used in this Appendix EE the term "County Contractor" shall mean a person or firm who will manage and be responsible for an entire contracted project.

As used in this Appendix EE "Documentation Demonstrating Best Efforts to Obtain Certified Minority or Women-owned Business Enterprises" shall include, but is not limited to the following:

- a. Proof of having advertised for bids, where appropriate, in minority publications, trade newspapers/notices and magazines, trade and union publications, and publications of general circulation in Nassau County and surrounding areas or having verbally solicited M/WBEs whom the County Contractor reasonably believed might have the qualifications to do the work. A copy of the advertisement, if used, shall be included to demonstrate that it contained language indicating that the County Contractor welcomed bids and quotes from M/WBE Subcontractors. In addition, proof of the date(s) any such advertisements appeared must be included in the Best Effort Documentation. If verbal solicitation is used, a County Contractor's affidavit with a notary's signature and stamp shall be required as part of the documentation.
- b. Proof of having provided reasonable time for M/WBE Subcontractors to respond to bid opportunities according to industry norms and standards. A chart outlining the schedule/time frame used to obtain bids from M/WBEs is suggested to be included with the Best Effort Documentation
- c. Proof or affidavit of follow-up of telephone calls with potential M/WBE subcontractors encouraging their participation. Telephone logs indicating such action can be included with the Best Effort Documentation
- d. Proof or affidavit that M/WBE Subcontractors were allowed to review bid specifications, blue prints and all other bid/RFP related items at no charge to the M/WBEs, other than reasonable documentation costs incurred by the County Contractor that are passed onto the M/WBE.

- e. Proof or affidavit that sufficient time prior to making award was allowed for M/WBEs to participate effectively, to the extent practicable given the timeframe of the County Contract.
- f. Proof or affidavit that negotiations were held in good faith with interested M/WBEs, and that M/WBEs were not rejected as unqualified or unacceptable without sound business reasons based on (1) a thorough investigation of M/WBE qualifications and capabilities reviewed against industry custom and standards and (2) cost of performance. The basis for rejecting any M/WBE deemed unqualified by the County Contractor shall be included in the Best Effort Documentation.
- g. If an M/WBE is rejected based on cost, the County Contractor must submit a list of all sub-bidders for each item of work solicited and their bid prices for the work.
- h. The conditions of performance expected of Subcontractors by the County Contractor must also be included with the Best Effort Documentation.
- i. County Contractors may include any other type of documentation they feel necessary to further demonstrate their Best Efforts regarding their bid documents.

As used in this Appendix EE the term "Executive Director" shall mean the Executive Director of the Nassau County Office of Minority Affairs; provided, however, that Executive Director shall include a designee of the Executive Director except in the case of final determinations issued pursuant to Section (a) through (l) of these rules.

As used in this Appendix EE the term "Subcontract" shall mean an agreement consisting of part or parts of the contracted work of the County Contractor.

As used in this Appendix EE, the term "Subcontractor" shall mean a person or firm who performs part or parts of the contracted work of a prime contractor providing services, including construction services, to the County pursuant to a county contract. Subcontractor shall include a person or firm that provides labor, professional or other services, materials or supplies to a prime contractor that are necessary for the prime contractor to fulfill its obligations to provide services to the County pursuant to a county contract. Subcontractor shall not include a supplier of materials to a contractor who has contracted to provide goods but no services to the County, nor a supplier of incidental materials to a contractor, such as office supplies, tools and other items of nominal cost that are utilized in the performance of a service contract.

Provisions requiring contractors to retain or submit documentation of best efforts to utilize certified subcontractors and requiring Department head approval prior to subcontracting shall not apply to inter-governmental agreements. In addition, the tracking of expenditures of County dollars by not-for-profit corporations, other municipalities, States, or the federal government is not required.

Contract Appendix L
Certificate of Compliance

In compliance with Local Law 1-2006, as amended, the Proposer/Bidder hereby certifies the following:

1. The chief executive officer of the Proposer/Bidder is:

Patrick A. Kenneally, PE (Name)

325 W. Main Street, Babylon, NY 11702 (Address)

(518) 331-1905 (Telephone Number)

2. The Proposer/Bidder agrees to comply with the requirements of the Nassau County Living Wage Law, and with all applicable federal, state and local laws.

3. In the past five years, Proposer/Bidder X has has not been found by a court or a government agency to have violated federal, state, or local laws regulating payment of wages or benefits, labor relations, or occupational safety and health. If a violation has been assessed by the Proposer/Bidder, describe below:

U.S. Department of Labor Occupational Safety and Health Administration, Brooklyn Bridge,
On 6/1/22, OSHA issued a citation to GPI for allegedly violating 29 CFR 1926.62 (d) (1) (i). OSHA
cited GPI for failing to initially determine whether GPI employees may be exposed to lead at or above
the action level. GPI contested the citation because OSHA miscategorized our employees as being
involved in abrasive blasting operations, that our employees would never be exposed to actionable
levels of lead, and even if they were exposed, our employees were wearing PPE including half face
respirators per OSHA requirements. After a second informal conference OSHA withdrew the citation.

4. In the past five years, an administrative proceeding, investigation, or government body-initiated judicial action has X has not been commenced against or relating to the Proposer/Bidder in connection with federal, state, or local laws regulating payment of wages or benefits, labor relations, or occupational safety and health. If such a proceeding, action, or investigation has been commenced, describe below:

-
-
5. Proposer/Bidder agrees to permit access to work sites and relevant payroll records by authorized County representatives for the purpose of monitoring compliance with the Living Wage Law and investigating employee complaints of noncompliance.

I hereby certify that I have read the foregoing statement and, to the best of my knowledge and belief, it is true, correct and complete. Any statement or representation made herein shall be accurate and true as of the date stated below.


Dated _____
Signature of Chief Executive Officer

Patrick A. Kenneally, PE
Name of Chief Executive Officer

Sworn to before me this
5th day of April, 2023.


Notary Public





Nassau County Interim Finance Authority

Contract Approval Request Form (As of January 1, 2015)

1. Vendor: Greenman-Pedersen, Inc.

2. Amount requiring NIFA approval: \$5,046,779.00

Amount to be encumbered: \$841,129.83

Slip Type: New

If new contract - \$ amount should be full amount of contract

If advisement - NIFA only needs to review if it is increasing funds above the amount previously approved by NIFA

If amendment - \$ amount should be full amount of amendment only

3. Contract Term: to Three (3) years from NTP

Has work or services on this contract commenced? No

If yes, please explain:

4. Funding Source:

| | | |
|--------------------------------|----|------------------|
| General Fund (GEN) | X | Grant Fund (GRT) |
| Capital Improvement Fund (CAP) | | Other |
| Federal % | 80 | |
| State % | 0 | |
| County % | 20 | |

Is the cash available for the full amount of the contract? Yes

If not, will it require a future borrowing? No

Has the County Legislature approved the borrowing? N/A

Has NIFA approved the borrowing for this contract? N/A

5. Provide a brief description (4 to 5 sentences) of the item for which this approval is requested:

To provide personnel for the day-to-day operation of County's Traffic Management Center (TMC) in Westbury. The proposed personnel will staff the TMC for for twenty-four (24) hours a day, seven (7) days a week. 80% Federally funded.

6. Has the item requested herein followed all proper procedures and thereby approved by the:

Nassau County Attorney as to form Yes

Nassau County Committee and/or Legislature

Date of approval(s) and citation to the resolution where approval for this item was provided:

7. Identify all contracts (with dollar amounts) with this or an affiliated party within the prior 12 months:

| Contract ID | Posting Date | Amount Added in Prior 12 Months |
|-------------|--------------|---------------------------------|
|-------------|--------------|---------------------------------|

AUTHORIZATION

To the best of my knowledge, I hereby certify that the information contained in this Contract Approval Request Form and any additional information submitted in connection with this request is true and accurate and that all expenditures that will be made in reliance on this authorization are in conformance with the Nassau County Approved Budget and not in conflict with the Nassau County Multi-Year Financial Plan. I understand that NIFA will rely upon this information in its official deliberations.

IQURESHI

04/25/2023

Authenticated User

Date

COMPTROLLER'S OFFICE

To the best of my knowledge, I hereby certify that the information listed is true and accurate and is in conformance with the Nassau County Approved Budget and not in conflict with the Nassau County Multi-Year Financial Plan.

Regarding funding, please check the correct response:

I certify that the funds are available to be encumbered pending NIFA approval of this contract.

If this is a capital project:

I certify that the bonding for this contract has been approved by NIFA.

Budget is available and funds have been encumbered but the project requires NIFA bonding authorization.

Authenticated User

Date

NIFA

Amount being approved by NIFA:

Payment is not guaranteed for any work commenced prior to this approval.

Authenticated User

Date

NOTE: All contract submissions MUST include the County's own routing slip, current NIFS printouts for all relevant accounts and relevant Nassau County Legislature communication documents and relevant supplemental information pertaining to the item requested herein.

NIFA Contract Approval Request Form MUST be filled out in its entirety before being submitted to NIFA for review.

NIFA reserves the right to request additional information as needed.

Elaine Phillips
Comptroller



OFFICE OF THE COMPTROLLER
240 Old Country Road
Mineola, New York 11501

COMPTROLLER APPROVAL FORM FOR PERSONAL, PROFESSIONAL OR HUMAN SERVICES CONTRACTS

Attach this form along with all personal, professional or human services contracts, contract renewals, extensions and amendments.

CONTRACTOR NAME: _____

CONTRACTOR ADDRESS: _____

FEDERAL TAX ID #: XXXXXXXXXX _____

Instructions: Please check the appropriate box (“☑”) after one of the following roman numerals, and provide all the requested information.

I. ☐ The contract was awarded to the lowest, responsible bidder after advertisement for sealed bids. The contract was awarded after a request for sealed bids was published in _____ [newspaper] on _____ [date]. The sealed bids were publicly opened on _____ [date]. _____ [#] of sealed bids were received and opened.

II. ☐ The contractor was selected pursuant to a Request for Proposals.

The Contract was entered into after a written request for proposals was issued on _____ [date]. Potential proposers were made aware of the availability of the RFP by advertisement in _____ [newspaper], posting on industry websites, via email to interested parties and by publication on the County procurement website. Proposals were due on _____ [date]. _____ [state #] proposals were received and evaluated. The evaluation committee consisted of: _____

_____ (list # of persons on committee and their respective departments). The proposals were scored and ranked. As a result of the scoring and ranking, the highest-ranking proposer was selected.

III. ☐ This is a renewal, extension or amendment of an existing contract.

The contract was originally executed by Nassau County on _____[date]. This is a renewal or extension pursuant to the contract, or an amendment within the scope of the contract or RFP (copies of the relevant pages are attached). The original contract was entered into after _____

_____[describe procurement method, i.e., RFP, three proposals evaluated, etc.] Attach a copy of the most recent evaluation of the contractor's performance for any contract to be renewed or extended. If the contractor has not received a satisfactory evaluation, the department must explain why the contractor should nevertheless be permitted to continue to contract with the county.

IV. ☐ Pursuant to Executive Order No. 1 of 1993, as amended, at least three proposals were solicited and received. The attached memorandum from the department head describes the proposals received, along with the cost of each proposal.

- ☐ **A.** The contract has been awarded to the proposer offering the lowest cost proposal; **OR:**
- ☐ **B.** The attached memorandum contains a detailed explanation as to the reason(s) why the contract was awarded to other than the lowest-cost proposer. The attachment includes a specific delineation of the unique skills and experience, the specific reasons why a proposal is deemed superior, and/or why the proposer has been judged to be able to perform more quickly than other proposers.

V. ☐ Pursuant to Executive Order No. 1 of 1993 as amended, the attached memorandum from the department head explains why the department did not obtain at least three proposals.

- ☐ **A.** There are only one or two providers of the services sought or less than three providers submitted proposals. The memorandum describes how the contractor was determined to be the sole source provider of the personal service needed or explains why only two proposals could be obtained. If two proposals were obtained, the memorandum explains that the contract was awarded to the lowest cost proposer, or why the selected proposer offered the higher quality proposal, the proposer's unique and special experience, skill, or expertise, or its availability to perform in the most immediate and timely manner.
- ☐ **B.** The memorandum explains that the contractor's selection was dictated by the terms of a federal or New York State grant, by legislation or by a court order. (Copies of the relevant documents are attached).
- ☐ **C.** Pursuant to General Municipal Law Section 104, the department is purchasing the services required through a New York State Office of General Services contract no. _____, and the attached memorandum explains how the purchase is within the scope of the terms of that contract.

- ☐ **D.** Pursuant to General Municipal Law Section 119-o, the department is purchasing the services required through an inter-municipal agreement.

VI. ☐ This is a human services contract with a not-for-profit agency for which a competitive process has not been initiated. Attached is a memorandum that explains the reasons for entering into this contract without conducting a competitive process, and details when the department intends to initiate a competitive process for the future award of these services. For any such contract, where the vendor has previously provided services to the county, attach a copy of the most recent evaluation of the vendor's performance. If the contractor has not received a satisfactory evaluation, the department must explain why the contractor should nevertheless be permitted to contract with the county.

In certain limited circumstances, conducting a competitive process and/or completing performance evaluations may not be possible because of the nature of the human services program, or because of a compelling need to continue services through the same provider. In those circumstances, attach an explanation of why a competitive process and/or performance evaluation is inapplicable.

VII. ☐ This is a public works contract for the provision of architectural, engineering or surveying services. The attached memorandum provides details of the department's compliance with Board of Supervisors' Resolution No. 928 of 1993, including its receipt and evaluation of annual Statements of Qualifications & Performance Data, and its negotiations with the most highly qualified firms.

Instructions with respect to Sections VIII, IX and X: All Departments must check the box for VIII. Then, check the box for either IX or X, as applicable.

VIII. ☐ Participation of Minority Group Members and Women in Nassau County Contracts. The selected contractor has agreed that it has an obligation to utilize best efforts to hire MWBE sub-contractors. Proof of the contractual utilization of best efforts as outlined in Exhibit "EE" may be requested at any time, from time to time, by the Comptroller's Office prior to the approval of claim vouchers.

IX. ☐ Department MWBE responsibilities. To ensure compliance with MWBE requirements as outlined in Exhibit "EE", Department will require vendor to submit list of sub-contractor requirements prior to submission of the first claim voucher, for services under this contract being submitted to the Comptroller.

X. ☐ Vendor will not require any sub-contractors.

In addition, if this is a contract with an individual or with an entity that has only one or two employees: ☐ a review of the criteria set forth by the Internal Revenue Service, *Revenue Ruling No. 87-41*, 1987-1 C.B. 296, attached as Appendix A to the Comptroller's Memorandum, dated February 13, 2004, concerning independent contractors and employees indicates that the contractor would not be considered an employee for federal tax purposes.



Department Head Signature

Date

NOTE: Any information requested above, or in the exhibit below, may be included in the county's "staff summary" form in lieu of a separate memorandum.

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

TO: Contract File

FROM: Jane Houdek, Esq.
Designated DCCO

DATE: April 6, 2023

SUBJECT: Contract Nos: H63029-18D, T62000-08E, T62500-04D, and T62500-03DG
Engineering Services
Greenman-Pedersen, Inc.
Responsibility Determination Memo

DPW Summary Finding

It is the Department's opinion that based on the information known to the Department and summarized in this memorandum, that the vendor is a responsible contractor for the purpose of being awarded the above-referenced contract.

NYS Standard for State and Municipal Contract Approval

Prior to the award of a contract, New York State agencies and political subdivisions, are required to make a determination of responsibility of the proposed vendor. State Finance Law §163 (9) (f); Highway Law §38; Public Building Law §8; General Municipal Law §103. General Municipal Law §103 requires the County to award contracts to a "responsible bidder" but does not define that term. However, the State Finance Law, which is the analogous law for contracting by New York State agencies, defines responsible as: "financial ability, legal capacity, integrity and past performance of a business entity and as such terms have been interpreted relative to public procurements." NY CLS St. Fin §163 (1) (c). This standard is equivalent to the standard applied to procurements pursuant to NYGML §103. *Matter of AAA Caring & Rubbish Removal, Inc. v. Town of Southeast* 17 N.Y. 3d 136 (2011)

The NY State Office of General Services employs the FLIP analysis -financial ability, legal capacity, integrity and past performance – to meet its obligation to make a responsibility determination.

Application of the FLIP test

As explained in this memorandum, the FLIP test, can be used to evaluate a vendor's responsibility.

1. **Financial and Organizational Capacity**

The Department has reviewed materials supplied by vendor as required by the bid documents and is satisfied that the vendor has met the financial and organizational capacity as required by the bid documents.

2. **Legal Authority**

Vendor is not debarred. Vendor possesses requisite licenses.

3. **Integrity**

Vendor possesses requisite business integrity-analysis of vendor information described in later portion of this memorandum.

April 6, 2023

SUBJECT: Contract Nos: H63029-18D, T62000-08E, T62500-03DG and T62500-04D
Engineering Services
Greenman-Pedersen, Inc.
Responsibility Determination Memo

4. Past Performance

Based upon the vendor's prior performance on County contracts, as well as a check of vendor's reference, vendor is qualified to perform the work for the above-referenced contract.

Nassau County Procurement Policy Requirements

Similarly, the Nassau County Procurement Policy states that, "a vendor is deemed responsible to be awarded a contract when it has demonstrated that it has the integrity and capacity to perform the required services on behalf of the County." Nassau County Procurement Policy at Appendix E. Appendix E goes on to state that factors to consider in determining the responsibility of a vendor include: financial resources, organizational capacity, a satisfactory record of performance and a satisfactory record of business integrity - an analysis identical to the FLIP test.

For purposes of its consideration of responsibility, the County requires potential vendors to submit vendor disclosure forms. Those forms are used by the Department as a tool when conducting a vendor responsibility review with the intent of determining "if there exists any material adverse information impacting the vendor's capacity or integrity." Quoting Appendix E.

The following is quoted from Appendix E:

For adverse information to be considered a factor in a vendor responsibility review, the information must be found to be material. Not all adverse information may be material. Materiality is greater for more recent events than for less recent ones, and materiality is greater for events concerning services more closely related to those required by the County than services that are less so. An event is considered most material when it concerns services equivalent or similar to those required by the County, has occurred recently, occurred in close geographic proximity to the County, and involves one or more individuals or organizational departments that may be involved in the conduct of the County contract. Also relevant in this assessment is whether the event involves a relatively large or small amount of money, services or product; whether the event involves a threat to life, health, safety, or property, whether criminality or possible criminality is involved; and the quantity of adverse information. In addition, any adverse information discovered by a department, which should have been, but was not disclosed by the vendor on the appropriate disclosure form(s) may be considered material.

Examples of adverse information that may not be considered material include adverse social media posts or poor reviews of a company posted on the internet. In addition, adverse information that occurred and/or was resolved more than five years ago generally is not considered material, although once such information has been identified the department conducting the review should investigate whether any similar subsequent event(s) occurred that may be subject to further analysis or suggesting a concern regarding the vendor's corporate culture.

A finding of nonresponsibility has significant implications for the vendor, since subsequent to that determination the vendor must disclose it in future solicitation responses to public entities. Therefore, the finding must be based upon evidence of a sufficiently severe failure of capacity and/or integrity on the part of the vendor. Any adverse information which is not deemed to be sufficient for a finding of

April 6, 2023

SUBJECT: Contract Nos: H63029-18D, T62000-08E, T62500-03DG and T62500-04D
Engineering Services
Greenman-Pedersen, Inc.
Responsibility Determination Memo

nonresponsibility must be demonstrated by the vendor to have been addressed sufficiently through implementation of corrective actions and/or plans to ensure that the adverse event(s) shall not impact or recur during the conduct of the County contract under consideration. Corrective actions that may be considered in this regard include, but are not limited to, termination of the employee(s) involved, introduction of new policies and procedures, employee trainings, reorganization of the vendor's structure, introduction of new internal or external monitors, payment of all fines, satisfactory resolution of the matter by the investigating entity, etc.

Application of the Materiality Evaluation to Determine Vendor Integrity

As described in this memorandum, the Nassau County Procurement Policy at Appendix E identifies factors that should be considered when determining if the adverse information available about a vendor rises to level of materiality (vendor responsibility determination is dependent upon material information).

Adverse Information Review

The information reported on the vendor's Business History form is not adverse. Vendor reports that it was cited by OSHA alleging vendor employees were exposed to lead, however OSHA withdrew the citation after receiving information from the vendor rebutting the charge. Vendor also reports that one of its employees, Shelia Dukacz, a former Nassau County employee is married to a current Nassau County seasonal employee in the Road Maintenance mower shop. Ms. Dukacz does not work on any County projects, and Mr. Dukacz's position does not involve the procurement of these vendor contracts or any other contracts. The Department has concluded that the vendor is a responsible vendor for the performance of the scope of work in Contracts H63029-18D, T62000-08E, T62500-04D, and T62500-03DG.



Jane Houdek
Attorney for DPW

JH:pl

Certificate of No Change Form



All fields must be filled.

A materially false statement willfully or fraudulently made in connection with this certification, and/or the failure to conduct appropriate due diligence in verifying the information that is the subject of this certification, may result in rendering the submitting entity non-responsible for the purpose of contract award.

A materially false statement willfully or fraudulently made in connection with this certification may subject the person making the false statement to criminal charges.

I, Gregory Zenk, PE state that I have read and understand all the items contained in the disclosure documents listed below and certify that as of this date, these items have not changed. I further certify that, to the best of my knowledge, information and belief, those answers are full, complete, and accurate; and that, to the best of my knowledge, information, and belief, those answers continue to be full, complete, and accurate.

In addition, I further certify on behalf of the submitting vendor that the information contained in the principal questionnaire(s) have not changed and have been verified and continue, to the best of my knowledge, to be full, complete and accurate.

I understand that Nassau County will rely on the information supplied in this certification as additional inducement to enter into a contract with the submitting entity.

Vendor Disclosures

This refers to the vendor integrity and disclosure forms submitted for the vendor doing business with the County.

Name of Submitting Entity: Greenman-Pedersen, Inc.

Vendor's Address: 325 W. Main Street Babylon NY US 11702

Vendor's EIN or TIN: [REDACTED]

Forms Submitted: _____

Political Campaign Contribution Disclosure Form: 02/10/2023 04:20:05 pm

Lobbyist Registration and Disclosure Form: 02/13/2023 08:44:34 am

Business History Form certified: 04/03/2023 04:36:43 pm

Consultant's, Contractor's, and Vendor's Disclosure Form: 02/13/2023 08:45:01 am

Principal Questionnaire(s)

This refers to the most recent principal questionnaire submissions.

| | |
|----------------|---|
| Principal Name | Louis Norella, III, PE, LEED AP [LNORELLA@GPINET.COM] |
| Date Certified | 02/10/2023 09:31:10 am |

| | |
|----------------|---|
| Principal Name | Steven B. Greenman, PE [SGREENMAN@GPINET.COM] |
| Date Certified | 02/10/2023 08:22:17 am |

| | |
|----------------|---|
| Principal Name | Thomas Lamb, LEED AP [TLAMB@GPINET.COM] |
| Date Certified | 02/13/2023 08:19:12 am |

| | |
|----------------|---|
| Principal Name | Patrick Kenneally, PE [PKENNEALLY@GPINET.COM] |
| Date Certified | 02/27/2023 11:17:49 am |

| | |
|----------------|---|
| Principal Name | Michael J. Buoncore, CPA [MBUONCORE@GPINET.COM] |
| Date Certified | 04/05/2023 01:56:51 pm |

| | |
|----------------|---|
| Principal Name | M. Denise Carter, PE [DCARTER@GPINET.COM] |
| Date Certified | 02/10/2023 09:12:19 am |

| | |
|----------------|-------------------------------------|
| Principal Name | Gregory Zenk, PE [GZENK@GPINET.COM] |
| Date Certified | 02/10/2023 08:19:46 am |

I, Gregory Zenk, PE hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I further certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.”

Gregory Zenk, PE GZENK@GPINET.COM

Name

Executive Vice President/Branch Manager

Title

Greenman-Pedersen, Inc.

Name of Submitting Entity

04/05/2023 04:57:15 pm

Date



COUNTY OF NASSAU

POLITICAL CAMPAIGN CONTRIBUTION DISCLOSURE FORM

1. Has the vendor or any corporate officers of the vendor provided campaign contributions pursuant to the New York State Election Law in (a) the period beginning April 1, 2016 and ending on the date of this disclosure, or (b), beginning April 1, 2018, the period beginning two years prior to the date of this disclosure and ending on the date of this disclosure, to the campaign committees of any of the following Nassau County elected officials or to the campaign committees of any candidates for any of the following Nassau County elected offices: the County Executive, the County Clerk, the Comptroller, the District Attorney, or any County Legislator?

YES ☐ NO ☒ If yes, to what campaign committee?

Electronically signed and certified at the date and time indicated by:
Gregory Zenk, PE [GZENK@GPINET.COM]

Dated: 02/10/2023 04:20:05 pm

Vendor: Greenman-Pedersen, Inc.

Title: Executive Vice President/Branch Manager

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: Michael J. Buoncore, CPA
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 325 West Main Street
City: Babylon State/Province/Territory: NY Zip/Postal Code: 11702
Country: US
Telephone: (631) 587-5060
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------------------|-------------|-------------------|
| President | _____ | Treasurer | <u>10/01/1994</u> |
| Chairman of Board | _____ | Shareholder | _____ |
| Chief Exec. Officer | _____ | Secretary | <u>10/01/1994</u> |
| Chief Financial Officer | <u>10/01/1994</u> | Partner | _____ |
| Vice President | <u>10/01/1994</u> | | |
| (Other) | | | |

3. Do you have an equity interest in the business submitting the questionnaire?
YES [] NO [X] If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?
YES [] NO [X] If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?

YES ☒ NO ☐ If Yes, provide details.

Within the past three years, Mr. Buoncore has been an officer of the following firms: GPI Laboratories, Inc., GPI Michigan, Inc., and GPI Geospatial, Inc., as well as the following firms that have since merged with Greenman-Pedersen, Inc.: Keller & Kirkpatrick, Inc., S3E Engineers, Inc., MHF Design Consultants, Inc., Horizon Engineering Group, Inc. and Holbert Apple Associates, Inc.

2 File(s) uploaded: GPI Labs Contracts with Governmental Entities 2020-2022.pdf, K&K Contracts with Governmental Entities 2020.pdf

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?

YES ☒ NO ☐ If Yes, provide details.

Please see attached.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?

YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9.

- a. Is there any felony charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5? YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or

. local taxes or other assessed charges, including but not limited to water and sewer charges?
YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

| |
|--|
| |
|--|

I, Michael J. Buoncore, CPA , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Michael J. Buoncore, CPA , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Michael J. Buoncore, CPA MBUONCORE@GPINET.COM

Executive Vice President/Branch Manager

Title

04/05/2023 01:56:51 pm

Date

Greenman-Pedersen, Inc.
EIN: 11-2637074

February 10, 2023

Nassau County Principal's Questionnaire for Michael J. Buoncore, CPA

Question 6

Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer? If yes, provide details.

| Organization | Contract ID or Contract # | Contract Date | Name of Contracting Public Entity | Contract Name or Description | Contract Amount Received |
|------------------------|---------------------------|-----------------------|-----------------------------------|--|--------------------------|
| GPI Laboratories, Inc. | 600000000017853 | 7/15/2013 - 1/14/2020 | New York City Transit | Chemical and Physical Testing of Various Materials - Category no. 7 (paints) | \$1,024,565 |
| GPI Laboratories, Inc. | 600000000025457 | 1/15/2020 - 1/14/2025 | New York City Transit | Chemical and Physical Testing of Various Materials - Category no. 1 | \$998,549 |



BUSINESS ENTITY ANNUAL STATEMENT
NEW JERSEY ELECTION LAW ENFORCEMENT COMMISSION
(609) 292-8700 or Toll Free Within NJ 1-888-313-ELEC (3532)
THIS FORM MUST BE ELECTRONICALLY FILED AT:
www.elec.nj.gov

FORM BE

FOR STATE USE ONLY

This statement is required to be filed by a business entity which has received \$50,000 or more in the aggregate during a calendar year through agreements or contracts with a public entity or public entities.

Part 1: General Information

Date of Statement January 27, 2021

Activity for Calendar Year 2020

☐ Check if
Amendment

Part 2: Business Entity Information

Business Name Keller & Kirkpatrick, Inc.

Business Type Other Business Organization

Address 1 301 Gibraltar Drive, Suite 2A

Address 2 _____

City Morris Plains State New Jersey Zip 07950

*(Area Code) Telephone Number 973-377-8500

ACKNOWLEDGEMENT

I have been authorized by the above named business entity to complete the annual statement, and certify that the statements and/or information contained herein are true. I am aware that if any of the statements or information are willfully false, I may be subject to punishment.

First Name Andrew Last Name Cangiano, PE, PP, CME

Title/Position Vice President Date January 27, 2021

*(Area Code) Telephone Number 973-377-8500

☒ Check this box to certify the above acknowledgement.

A business entity which has received \$50,000 or more in the aggregate during a calendar year through agreements or contracts with a public entity or public entities, but has made no contributions to candidates or committees, shall file the business entity annual disclosure statement with the Commission to report that no contributions were made during the calendar year.

☐ Check this box if the business entity has not made any reportable contributions during the calendar year.

Part 3: Summary of Amounts (Totals will be automatically calculated)

Total Amount Received through
Agreements or Contracts in 2020

\$1,926,886.12

Total of Reportable Contributions Made
to Candidates or Committees in 2020

\$2,300.00

*Leave this field blank if your telephone number is unlisted. Pursuant to N.J.S.A. 47:1A-1.1, an unlisted telephone number is not a public record and must not be provided on this form.

Part 4: Contracts Received

| | | | |
|---|---|--------------------------|---|
| Contract ID# | <u>RES 20-05-18-138</u> | Contract Date | <u>May 18, 2020</u> |
| Name of Contracting Public Entity | <u>Bridgewater Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>100 Commons Way</u> | | |
| Address 2 | <u></u> | | |
| City | <u>Bridgewater</u> | State | <u>New Jersey</u> Zip <u>08807</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Addition to professional services contract for construction inspection services for the BWT-6 Roadway Improvement Project.</u> | | | |
| <input type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$31,600.00</u> <small>(Enter numbers only)</small> |

| | | | |
|--|---|--------------------------|---|
| Contract ID# | <u>RES 04-06-2020</u> | Contract Date | <u>April 30, 2020</u> |
| Name of Contracting Public Entity | <u>Cedar Grove Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>525 Pompton Avenue</u> | | |
| Address 2 | <u></u> | | |
| City | <u>Cedar Grove</u> | State | <u>New Jersey</u> Zip <u>07009</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Engineering Design services for the Reconstruction of Ozone Avenue.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$17,300.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|---|---|--------------------------|---|
| Contract ID# | <u>RES 04-06-2020</u> | Contract Date | <u>April 30, 2020</u> |
| Name of Contracting Public Entity | <u>Cedar Grove Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>525 Pompton Avenue</u> | | |
| Address 2 | <u></u> | | |
| City | <u>Cedar Grove</u> | State | <u>New Jersey</u> Zip <u>07009</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Engineering Design services fro the Rutgers Avenue Water Main project.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$11,900.00</u> <small>(Enter numbers only)</small> |

| | | | |
|--|---|--------------------------|---|
| Contract ID# | <u>DPW 20-0224-8</u> | Contract Date | <u>February 24, 2020</u> |
| Name of Contracting Public Entity | <u>Irvington Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>Municipal Building</u> | | |
| Address 2 | <u>1 Civic Square</u> | | |
| City | <u>Irvington</u> | State | <u>New Jersey</u> Zip <u>07111</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Surveying and Engineering Design services for the 2020 Transportation Trust Fund Resurfacing project.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$57,400.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|---|---|--------------------------|--|
| Contract ID# | <u>DPW 20-0113-1</u> | Contract Date | <u>January 13, 2020</u> |
| Name of Contracting Public Entity | <u>Irvington Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>Municipal Building</u> | | |
| Address 2 | <u>1 Civic Square</u> | | |
| City | <u>Irvington</u> | State | <u>New Jersey</u> Zip <u>07111</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Final Design of ADA Improvements at the Municipal Complex.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$4,000.00</u> <small>(Enter numbers only)</small> |

| | | | |
|--|---|--------------------------|--|
| Contract ID# | _____ | Contract Date | <u>January 2, 2020</u> |
| Name of Contracting Public Entity | <u>Maplewood Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>574 Valley Street</u> | | |
| Address 2 | _____ | | |
| City | <u>Maplewood</u> | State | <u>New Jersey</u> Zip <u>07040</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Engineering services to provide Professional Planning Board and Zoning Board of Adjustment services for 2020.</u> | | | |
| <input type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$5,013.75</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|---|---|---------------|--|
| Contract ID# | <u>RES #78-20</u> | Contract Date | <u>April 7, 2020</u> |
| Name of Contracting Public Entity | <u>Maplewood Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>574 Valley Street</u> | | |
| Address 2 | | | |
| City | <u>Maplewood</u> | State | <u>New Jersey</u> Zip <u>07040</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Design Services for 2020 CDBG Project - ADA Compliant Ramps in Various Locations.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | | Contract Amount Received <u>\$42,800.00</u> <small>(Enter numbers only)</small> |

| | | | |
|---|---|---------------|--|
| Contract ID# | <u>RES #74-20</u> | Contract Date | <u>April 7, 2020</u> |
| Name of Contracting Public Entity | <u>Maplewood Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>574 Valley Street</u> | | |
| Address 2 | | | |
| City | <u>Maplewood</u> | State | <u>New Jersey</u> Zip <u>07040</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Design Services for 2019 CDBG Project - ADA Compliant Ramps in Various Locations.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | | Contract Amount Received <u>\$43,250.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|---|--|
| Contract ID# <u>RES-2020-368</u> | Contract Date <u>May 27, 2020</u> |
| Name of Contracting Public Entity <u>Morris County</u> | |
| Public Entity Type <u>County</u> | |
| Address 1 <u>PO Box 900</u> | |
| Address 2 _____ | |
| City <u>Morristown</u> | State <u>New Jersey</u> Zip <u>07963-0900</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Engineering Design Services for 2021 Milling & Resurfacing of Various County Roadways (RFP #P20-91).</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$30,960.00</u> <small>(Enter numbers only)</small> |

| | |
|---|--|
| Contract ID# <u>REQ No. 222359</u> | Contract Date <u>June 12, 2020</u> |
| Name of Contracting Public Entity <u>Morris County</u> | |
| Public Entity Type <u>County</u> | |
| Address 1 <u>PO Box 900</u> | |
| Address 2 _____ | |
| City <u>Morristown</u> | State <u>New Jersey</u> Zip <u>07963-0900</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Construction Inspection Services for Milling & Resurfacing of River Road/Bush Road.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$24,300.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|---|--|
| Contract ID# <u>RES-2020-270</u> | Contract Date <u>April 22, 2020</u> |
| Name of Contracting Public Entity <u>Morris County</u> | |
| Public Entity Type <u>County</u> | |
| Address 1 <u>PO Box 900</u> | |
| Address 2 _____ | |
| City <u>Morristown</u> | State <u>New Jersey</u> Zip <u>07963-0900</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Surveying and Engineering Design Services for the Rehabilitation of Bridge 1401-139.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$84,755.00</u> <small>(Enter numbers only)</small> |

| | |
|---|---|
| Contract ID# <u>RES-2020-131</u> | Contract Date <u>February 26, 2020</u> |
| Name of Contracting Public Entity <u>Morris County</u> | |
| Public Entity Type <u>County</u> | |
| Address 1 <u>PO Box 900</u> | |
| Address 2 _____ | |
| City <u>Morristown</u> | State <u>New Jersey</u> Zip <u>07963-0900</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Professional Engineering Services for Construction Inspection Services (Clerk of the Works) for the North Main Street Extension, Borough of Wharton.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$115,920.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|--|---|--------------------------|--|
| Contract ID# | Contract Date <u>January 2, 2020</u> | | |
| Name of Contracting Public Entity <u>Parsippany-Troy Hills Township</u> | | | |
| Public Entity Type <u>Municipality</u> | | | |
| Address 1 <u>1001 Parsippany Boulevard</u> | | | |
| Address 2 | | | |
| City <u>Parsippany</u> | State <u>New Jersey</u> | Zip <u>07054</u> | |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Engineering services to provide Professional Planning Board and Zoning Board of Adjustment services for 2020.</u> | | | |
| <input type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$5,078.75</u> <small>(Enter numbers only)</small> |

| | | | |
|---|---|--------------------------|---|
| Contract ID# | Contract Date <u>April 27, 2020</u> | | |
| Name of Contracting Public Entity <u>Parsippany-Troy Hills Township</u> | | | |
| Public Entity Type <u>Municipality</u> | | | |
| Address 1 <u>1001 Parsippany Boulevard</u> | | | |
| Address 2 | | | |
| City <u>Parsippany</u> | State <u>New Jersey</u> | Zip <u>07054</u> | |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Engineering Services during Construction for the Replacement of Simpson Avenue Retaining Wall.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$14,360.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|---|---|
| Contract ID# _____ | Contract Date <u>April 27, 2020</u> |
| Name of Contracting Public Entity <u>Parsippany-Troy Hills Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>1001 Parsippany Boulevard</u> | |
| Address 2 _____ | |
| City <u>Parsippany</u> | State <u>New Jersey</u> Zip <u>07054</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Engineering services to provide Regular Dam Inspection for 2020 for Manor Lake Dam #25-113.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$2,850.00</u> <small>(Enter numbers only)</small> |

| | |
|---|---|
| Contract ID# <u>RES 20-63</u> | Contract Date <u>February 12, 2020</u> |
| Name of Contracting Public Entity <u>Plainsboro Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>641 Plainsboro Road</u> | |
| Address 2 _____ | |
| City <u>Plainsboro</u> | State <u>New Jersey</u> Zip <u>08536</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Professional services to provide Conceptual Design for Mill Pond Park in the Township of Plainsboro.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$9,500.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|--|--|
| Contract ID# _____ | Contract Date <u>February 26, 2020</u> |
| Name of Contracting Public Entity <u>Rockaway Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>65 Mount Hope Road</u> | |
| Address 2 _____ | |
| City <u>Rockaway</u> | State <u>New Jersey</u> Zip <u>07855</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Additional Services - Quote for Engineering Services during Construction for Taylor Street Road Improvements.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$10,900.00</u> <small>(Enter numbers only)</small> |

| | |
|---|--|
| Contract ID# _____ | Contract Date <u>April 27, 2020</u> |
| Name of Contracting Public Entity <u>Rockaway Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>65 Mount Hope Road</u> | |
| Address 2 _____ | |
| City <u>Rockaway</u> | State <u>New Jersey</u> Zip <u>07866</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Professional Services for Parks Lake Memorial Area Improvements - Phase 2.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$12,600.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | | |
|--|---|---------------|--------------------------|--|
| Contract ID# | <u>20-086</u> | Contract Date | | |
| Name of Contracting Public Entity | <u>Somerset County Board of Chosen Freeholders</u> | | | |
| Public Entity Type | <u>County</u> | | | |
| Address 1 | <u>20 Grove Street</u> | | | |
| Address 2 | <u>PO Box 3000</u> | | | |
| City | <u>Somerville</u> | State | <u>New Jersey</u> | Zip <u>08876</u> |
| Description of the goods, services, equipment provided or property sold : | | | | |
| <u>Professional Surveying and Engineering Design services for the Replacement of County Bride No. E1002 Meadow Road over the Chambers Brook, Townships of Bedminster and Bridgewater, Somerset County, NJ.</u> | | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | | Contract Amount Received | <u>\$346,311.00</u> <small>(Enter numbers only)</small> |

| | | | | |
|---|---|---------------|--------------------------|--|
| Contract ID# | <u>410-20-005</u> | Contract Date | <u>January 1, 2020</u> | |
| Name of Contracting Public Entity | <u>The Port Authority of NY & NJ</u> | | | |
| Public Entity Type | <u>State</u> | | | |
| Address 1 | <u>4 World Trade Center</u> | | | |
| Address 2 | <u>150 Greenwich Street, 21st Floor</u> | | | |
| City | <u>New York</u> | State | <u>New York</u> | Zip <u>10007</u> |
| Description of the goods, services, equipment provided or property sold : | | | | |
| <u>Expert Professional Topographic/Boundary Surveying Services as requested on a "Call-In" Basis During 2020.</u> | | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | | Contract Amount Received | <u>\$218,707.87</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|--|---|--------------------------|---|
| Contract ID# | <u>20-299</u> | Contract Date | <u>March 24, 2020</u> |
| Name of Contracting Public Entity | <u>Somerset County Board of Chosen Freeholders</u> | | |
| Public Entity Type | <u>County</u> | | |
| Address 1 | <u>20 Grove Street</u> | | |
| Address 2 | <u>PO Box 3000</u> | | |
| City | <u>Somerville</u> | State | <u>New Jersey</u> Zip <u>08876</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Amendment to Contract for Additional Scope for Red Tail Crossing Evaluation and Roundabout Improvements to CR 527, in accordance with the 2020 Road Resurfacing & ADA Compliance Program.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$53,995.00</u> <small>(Enter numbers only)</small> |

| | | | |
|---|---|--------------------------|--|
| Contract ID# | <u>20-412</u> | Contract Date | <u>April 28, 2020</u> |
| Name of Contracting Public Entity | <u>Somerset County Board of Chosen Freeholders</u> | | |
| Public Entity Type | <u>County</u> | | |
| Address 1 | <u>20 Grove Street</u> | | |
| Address 2 | <u>PO Box 3000</u> | | |
| City | <u>Somerville</u> | State | <u>New Jersey</u> Zip <u>08876</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional services for the Design of Hillcrest Road (CR 531) Improvements in the Borough of Watchung and Warren Township, Somerset County, NJ</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$559,571.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|---|--|
| Contract ID# _____ | Contract Date <u>January 10, 2020</u> |
| Name of Contracting Public Entity <u>Springfield Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>100 Mountain Avenue</u> | |
| Address 2 _____ | |
| City <u>Springfield</u> | State <u>New Jersey</u> Zip <u>07081</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Surveying and engineering design services for the Improvements to Benjamin Drive and New Brook Lane in Springfield Township.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$19,600.00</u> <small>(Enter numbers only)</small> |

| | |
|---|--|
| Contract ID# _____ | Contract Date <u>March 18, 2020</u> |
| Name of Contracting Public Entity <u>Springfield Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>100 Mountain Avenue</u> | |
| Address 2 _____ | |
| City <u>Springfield</u> | State <u>New Jersey</u> Zip <u>07081</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Surveying and engineering design services for the Improvements to Tooker Avenue in Springfield Township.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$14,800.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|--|--|
| Contract ID# _____ | Contract Date <u>June 4, 2020</u> |
| Name of Contracting Public Entity <u>Springfield Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>100 Mountain Avenue</u> | |
| Address 2 _____ | |
| City <u>Springfield</u> | State <u>New Jersey</u> Zip <u>07081</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Surveying and engineering design services for the 2020 Road Program and Cottage Lane Drainage Improvements in Springfield Township.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$36,700.00</u> <small>(Enter numbers only)</small> |

| | |
|--|---|
| Contract ID# _____ | Contract Date <u>June 1, 2020</u> |
| Name of Contracting Public Entity <u>Springfield Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>100 Mountain Avenue</u> | |
| Address 2 _____ | |
| City <u>Springfield</u> | State <u>New Jersey</u> Zip <u>07081</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Professional Services for the Improvements to the Joanne Way Pump Station in the Township of Springfield.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$3,900.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|--|---|
| Contract ID# _____ | Contract Date <u>October 8, 2020</u> |
| Name of Contracting Public Entity <u>Springfield Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>100 Mountain Avenue</u> | |
| Address 2 _____ | |
| City <u>Springfield</u> | State <u>New Jersey</u> Zip <u>07081</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Professional services for the Sewer Study of Morris and Mountain Avenue in the Township of Springfield.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$4,800.00</u> <small>(Enter numbers only)</small> |

| | |
|--|---|
| Contract ID# _____ | Contract Date <u>January 1, 2020</u> |
| Name of Contracting Public Entity <u>Springfield Township</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>100 Mountain Avenue</u> | |
| Address 2 _____ | |
| City <u>Springfield</u> | State <u>New Jersey</u> Zip <u>07081</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Engineering services to provide Professional Zoning Board of Adjustment services for 2020.</u> | |
| <input type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$593.75</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | |
|--|--|
| Contract ID# <u>RES 20-293</u> | Contract Date <u>June 18, 2020</u> |
| Name of Contracting Public Entity <u>City of Trenton</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>319 East State Street</u> | |
| Address 2 _____ | |
| City <u>Trenton</u> | State <u>New Jersey</u> Zip <u>08608</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Surveying and Engineering Design services for the Reconstruction of Lamberton Road and Whittaker Avenue, NJDOT Municipal Aid Project.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$52,720.00</u> <small>(Enter numbers only)</small> |

| | |
|---|--|
| Contract ID# <u>20-08096</u> | Contract Date <u>May 28, 2020</u> |
| Name of Contracting Public Entity <u>City of Trenton</u> | |
| Public Entity Type <u>Municipality</u> | |
| Address 1 <u>319 East State Street</u> | |
| Address 2 _____ | |
| City <u>Trenton</u> | State <u>New Jersey</u> Zip <u>08608</u> |
| Description of the goods, services, equipment provided or property sold : | |
| <u>Professional Engineering Services for the Reconstruction of Stuyvesant Avenue.</u> | |
| <input checked="" type="checkbox"/> Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received <u>\$45,900.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|---|---|--------------------------|---|
| Contract ID# | <u>No. 167512</u> | Contract Date | <u>January 30, 2020</u> |
| Name of Contracting Public Entity | <u>West Orange Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>25 Lakeside Avenue</u> | | |
| Address 2 | | | |
| City | <u>West Orange</u> | State | <u>New Jersey</u> Zip <u>07052</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Design Services for Street Improvements 2020 Phase I.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$17,430.00</u> <small>(Enter numbers only)</small> |

| | | | |
|---|---|--------------------------|--|
| Contract ID# | <u>MOR-2020024.00</u> | Contract Date | <u>February 26, 2020</u> |
| Name of Contracting Public Entity | <u>Florham Park Borough</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>111 Ridgedale Avenue</u> | | |
| Address 2 | | | |
| City | <u>Florham Park</u> | State | <u>New Jersey</u> Zip <u>07932</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Surveying Services to provide Tax Map updates.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$4,135.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|---|---|--------------------------|--|
| Contract ID# | <u>MOR-2020026.00</u> | Contract Date | <u>March 13, 2020</u> |
| Name of Contracting Public Entity | <u>Parsippany-Troy Hills Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>1001 Parsippany Boulevard</u> | | |
| Address 2 | <u></u> | | |
| City | <u>Parsippany</u> | State | <u>New Jersey</u> Zip <u>07054</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Surveying Services to provide Tax Map updates.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$1,290.00</u> <small>(Enter numbers only)</small> |

| | | | |
|---|---|--------------------------|--|
| Contract ID# | <u>MOR-2020036.00</u> | Contract Date | <u>April 15, 2020</u> |
| Name of Contracting Public Entity | <u>West Orange Township</u> | | |
| Public Entity Type | <u>Municipality</u> | | |
| Address 1 | <u>25 Lakeside Avenue</u> | | |
| Address 2 | <u></u> | | |
| City | <u>West Orange</u> | State | <u>New Jersey</u> Zip <u>07052</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Surveying and Engineering Design services for the Improvements to St. Mark's Walkway.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | Contract Amount Received | <u>\$4,100.00</u> <small>(Enter numbers only)</small> |

Part 4: Contracts Received (continued)

| | | | |
|---|---|---------------|--|
| Contract ID# | <u>MOR-2020044.00</u> | Contract Date | <u>June 5, 2020</u> |
| Name of Contracting Public Entity | <u>Morris County Park Commission</u> | | |
| Public Entity Type | <u>County</u> | | |
| Address 1 | <u>300 Mendham Road / PO Box 1295</u> | | |
| Address 2 | <u></u> | | |
| City | <u>Morristown</u> | State | <u>New Jersey</u> Zip <u>07960</u> |
| Description of the goods, services, equipment provided or property sold : | | | |
| <u>Professional Surveying services for preparation of a boundary survey of Block 56601 Lot 124, 14-A Brook Valley Terrace, which encompassed approximately 12.5 acres in the Borough of Kinnelon.</u> | | | |
| <input checked="" type="checkbox"/> | Check this box if the contract was awarded pursuant to a fair and open process. | | Contract Amount Received <u>\$17,845.00</u> <small>(Enter numbers only)</small> |

Part 5: Contributions Made (Please provide each contributor's information followed by all related contributions)**Contributor Information**

Name Keller & Kirkpatrick, Inc. Type Other Business Organization

Address 1 301 Gibraltar Drive, Suite 2A

Address 2

City Morris Plains State New Jersey Zip 07950

| | | | |
|------------------------------------|-----------------------------------|--|-------------------------------------|
| Recipient Name | <u>Friends of Tom Mastrangelo</u> | | |
| Political Office or Committee Type | <u>County Freeholder</u> | Contribution Type | <u>Check</u> |
| Contribution Date | <u>February 19, 2020</u> | Contribution Amount | <u>\$500.00</u> |
| | | <small>(If Refund, Enter a Negative Number -)</small> | <small>(Enter numbers only)</small> |

| | | | |
|------------------------------------|--|--|-------------------------------------|
| Recipient Name | <u>Election Fund of Loretta Gragnani</u> | | |
| Political Office or Committee Type | <u>Council or Municipal Office</u> | Contribution Type | <u>Check</u> |
| Contribution Date | <u>February 19, 2020</u> | Contribution Amount | <u>\$300.00</u> |
| | | <small>(If Refund, Enter a Negative Number -)</small> | <small>(Enter numbers only)</small> |

Part 5: Contributions Made (Please provide each contributor's information followed by all related contributions)

(continued)

| | |
|---|-------------------------------------|
| Recipient Name <u>Krikus for Freeholder</u> | |
| Political Office or Committee Type <u>County Freeholder</u> | Contribution Type <u>Check</u> |
| Contribution Date <u>March 4, 2020</u> | Contribution Amount <u>\$500.00</u> |
| <small>(If Refund, Enter a Negative Number -) (Enter numbers only)</small> | |

| | |
|---|---------------------------------------|
| Recipient Name <u>Committee to Elect Gallagher</u> | |
| Political Office or Committee Type <u>County Freeholder</u> | Contribution Type <u>Check</u> |
| Contribution Date <u>March 4, 2020</u> | Contribution Amount <u>\$1,000.00</u> |
| <small>(If Refund, Enter a Negative Number -) (Enter numbers only)</small> | |

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1.

Principal Name:

Louis Norella III, PE, LEED AP

Date of birth:

Home address:

City:

State/Province/Territory:

Zip/Postal Code:

Country:

US

Business Address:

325 West Main Street

City:

Babylon

State/Province/Territory:

NY

Zip/Postal Code:

11702

Country

US

Telephone:

631-587-5060

Other present address(es):

City:

State/Province/Territory:

Zip/Postal Code:

Country:

Telephone:

List of other addresses and telephone numbers attached

2.

Positions held in submitting business and starting date of each (check all applicable)

President

Treasurer

Chairman of Board

Shareholder

Chief Exec. Officer

Secretary

Chief Financial Officer

Partner

Vice President

(Other)

Type

Other

Description

Director, Member of the Board of Directors

Start Date

01/01/2020

3.

Do you have an equity interest in the business submitting the questionnaire?

YES [] NO [X] If Yes, provide details.

Page 1 of 5

Rev. 3-2016

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?
YES ☐ NO ☒ If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?
YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?
YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?
YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9.

- a. Is there any felony charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

| |
|--|
| |
|--|

I, Louis Norella, III, PE, LEED AP , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Louis Norella, III, PE, LEED AP , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Louis Norella, III, PE, LEED AP LNORELLA@GPINET.COM

Director

Title

02/10/2023 09:31:10 am

Date

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: Steven B. Greenman, PE
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 325 West Main Street
City: Babylon State/Province/Territory: NY Zip/Postal Code: 11702
Country: US
Telephone: 6315875060
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------------------|-------------|-------------------|
| President | <u>08/01/1999</u> | Treasurer | _____ |
| Chairman of Board | <u>08/01/1999</u> | Shareholder | <u>10/14/1998</u> |
| Chief Exec. Officer | <u>08/01/1999</u> | Secretary | _____ |
| Chief Financial Officer | _____ | Partner | _____ |
| Vice President | _____ | | |
| (Other) | | | |

3. Do you have an equity interest in the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?
YES ☒ NO ☐ If Yes, provide details.

Within the past three years, Mr. Greenman has been an officer of the following firms: GPI Laboratories, Inc., and GPI Geospatial, Inc., as well as the following firms that have since merged with Greenman-Pedersen, Inc.: Keller & Kirkpatrick, Inc., S3E Engineers, Inc., and MHF Design Consultants, Inc.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?
YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:
- a. Been debarred by any government agency from entering into contracts with that agency?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?
YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9. a. Is there any felony charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

I, Steven B. Greenman, PE , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Steven B. Greenman, PE , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Steven B. Greenman, PE SGREENMAN@GPINET.COM

Chairman

Title

02/10/2023 08:22:17 am

Date

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: Thomas Lamb, LEED AP
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 2 Executive Boulevard, Suite 202
City: Suffern State/Province/Territory: NY Zip/Postal Code: 10901
Country: US
Telephone: 5182253568
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------------------|-------------|-------|
| President | _____ | Treasurer | _____ |
| Chairman of Board | _____ | Shareholder | _____ |
| Chief Exec. Officer | _____ | Secretary | _____ |
| Chief Financial Officer | _____ | Partner | _____ |
| Vice President | <u>08/03/2020</u> | | |
| (Other) | | | |

3. Do you have an equity interest in the business submitting the questionnaire?

YES [] NO [X] If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?

YES [] NO [X] If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?
YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?
YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?
YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9. a. Is there any felony charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

I, Thomas Lamb , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Thomas Lamb , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Thomas Lamb, LEED AP TLAMB@GPINET.COM

Executive Vice President/Branch Manager

Title

02/13/2023 08:19:12 am

Date

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: Gregory Zenk, PE
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 325 West Main Street
City: Babylon State/Province/Territory: NY Zip/Postal Code: 11702
Country: US
Telephone: 6315875060
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------|-------------|-------|
| President | _____ | Treasurer | _____ |
| Chairman of Board | _____ | Shareholder | _____ |
| Chief Exec. Officer | _____ | Secretary | _____ |
| Chief Financial Officer | _____ | Partner | _____ |
| Vice President | _____ | | |
| (Other) | _____ | | |

Type Other
Description Executive Vice President
Start Date 03/31/2021

3. Do you have an equity interest in the business submitting the questionnaire?
YES [] NO [X] If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?

YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?

YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9.

- a. Is there any felony charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

| |
|--|
| |
|--|

I, Gregory Zenk , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Gregory Zenk , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Gregory Zenk, PE GZENK@GPINET.COM

Executive Vice President/Branch Manager

Title

02/10/2023 08:19:46 am

Date

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: M. Denise Carter, PE
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 325 W. Main Street
City: Babylon State/Province/Territory: NY Zip/Postal Code: 11702
Country: US
Telephone: 631-587-5060
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------|-------------|-------|
| President | _____ | Treasurer | _____ |
| Chairman of Board | _____ | Shareholder | _____ |
| Chief Exec. Officer | _____ | Secretary | _____ |
| Chief Financial Officer | _____ | Partner | _____ |
| Vice President | _____ | | |
| (Other) | _____ | | |

Type Other
Description Senior Vice President
Start Date 07/15/2000

Type Other
Description Executive Vice President
Start Date 01/01/2017

| | |
|-------------|-------------------------------|
| Type | <u>Other</u> |
| Description | <u>Chief Strategy Officer</u> |
| Start Date | <u>03/31/2021</u> |

3. Do you have an equity interest in the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?

YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

a. Been debarred by any government agency from entering into contracts with that agency?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?

YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9.

- a. Is there any felony charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

10. In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

11. In addition to the information provided, in the past 5 years has any business or organization listed in response to

- . Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

- 12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

- 13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

I, M. Denise Carter , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, M. Denise Carter , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

M. Denise Carter, PE DCARTER@GPINET.COM

Executive Vice President/Chief Strategy Officer

Title

02/10/2023 09:12:19 am

Date

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: Christer Ericsson, PE
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 21 Daniel Street, 2nd Floor
City: Portsmouth State/Province/Territory: NH Zip/Postal Code: 03801
Country: US
Telephone: 978-570-2955
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------------------|-------------|-------|
| President | <u>04/13/2018</u> | Treasurer | _____ |
| Chairman of Board | _____ | Shareholder | _____ |
| Chief Exec. Officer | <u>04/13/2018</u> | Secretary | _____ |
| Chief Financial Officer | _____ | Partner | _____ |
| Vice President | <u>09/01/2001</u> | | |
| (Other) | | | |

3. Do you have an equity interest in the business submitting the questionnaire?
YES [] NO [X] If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?
YES [] NO [X] If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?
YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?
YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?
YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9. a. Is there any felony charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

I, Christer Ericsson, PE , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Christer Ericsson, PE , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

A MATERIALLY FALSE STATEMENT WILLFULLY OR FRAUDULENTLY MADE IN CONNECTION WITH THIS QUESTIONNAIRE MAY RESULT IN RENDERING THE SUBMITTING BUSINESS ENTITY NOT RESPONSIBLE WITH RESPECT TO THE PRESENT BID OR FUTURE BIDS, AND, IN ADDITION, MAY SUBJECT THE PERSON MAKING THE FALSE STATEMENT TO CRIMINAL CHARGES.

Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Christer Ericsson, PE CERICSSON@GPINET.COM

President/Chief Executive Officer

Title

02/10/2023 10:57:52 am

Date

PRINCIPAL QUESTIONNAIRE FORM

All questions on these questionnaires must be answered by all officers and any individuals who hold a ten percent (10%) or greater ownership interest in the proposer. Answers typewritten or printed in ink. If you need more space to answer any question, make as many photocopies of the appropriate page(s) as necessary and attach them to the questionnaire.

COMPLETE THIS QUESTIONNAIRE CAREFULLY AND COMPLETELY. FAILURE TO SUBMIT A COMPLETE QUESTIONNAIRE MAY MEAN THAT YOUR BID OR PROPOSAL WILL BE REJECTED AS NON-RESPONSIVE AND IT WILL NOT BE CONSIDERED FOR AWARD

1. Principal Name: Patrick Kenneally, PE
Date of birth: [REDACTED]
Home address: [REDACTED]
City: [REDACTED] State/Province/Territory: [REDACTED] Zip/Postal Code: [REDACTED]
Country: US
Business Address: 325 West Main Street
City: Babylon State/Province/Territory: NY Zip/Postal Code: 11702
Country: US
Telephone: 631-587-5060
Other present address(es):
City: _____ State/Province/Territory: _____ Zip/Postal Code: _____
Country: _____
Telephone: _____

List of other addresses and telephone numbers attached

2. Positions held in submitting business and starting date of each (check all applicable)

| | | | |
|-------------------------|-------------------|-------------|-------|
| President | <u>02/21/0023</u> | Treasurer | _____ |
| Chairman of Board | _____ | Shareholder | _____ |
| Chief Exec. Officer | <u>02/21/0023</u> | Secretary | _____ |
| Chief Financial Officer | _____ | Partner | _____ |
| Vice President | _____ | | |
| (Other) | _____ | | |

Type Other
Description Assistant Vice President
Start Date 09/11/2000

Type Other
Description Senior Vice President/Branch Manager
Start Date 01/01/2009

| | |
|-------------|---|
| Type | Other |
| Description | Executive Vice President/Branch Manager |
| Start Date | 01/01/2017 |

| | |
|-------------|---|
| Type | Other |
| Description | Executive Vice President/Northeast Regional Officer |
| Start Date | 07/03/2022 |

3. Do you have an equity interest in the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

4. Are there any outstanding loans, guarantees or any other form of security or lease or any other type of contribution made in whole or in part between you and the business submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

5. Within the past 3 years, have you been a principal owner or officer of any business or notfor-profit organization other than the one submitting the questionnaire?

YES ☐ NO ☒ If Yes, provide details.

6. Has any governmental entity awarded any contracts to a business or organization listed in Section 5 in the past 3 years while you were a principal owner or officer?

YES ☐ NO ☒ If Yes, provide details.

NOTE: An affirmative answer is required below whether the sanction arose automatically, by operation of law, or as a result of any action taken by a government agency. Provide a detailed response to all questions checked "YES". If you need more space, photocopy the appropriate page and attach it to the questionnaire.

7. In the past (5) years, have you and/or any affiliated businesses or not-for-profit organizations listed in Section 5 in which you have been a principal owner or officer:

- a. Been debarred by any government agency from entering into contracts with that agency?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Been declared in default and/or terminated for cause on any contract, and/or had any contracts cancelled for cause?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Been denied the award of a contract and/or the opportunity to bid on a contract, including, but not limited to, failure to meet pre-qualification standards?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. Been suspended by any government agency from entering into any contract with it; and/or is any action pending that could formally debar or otherwise affect such business's ability to bid or propose on contract?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

8. Have any of the businesses or organizations listed in response to Question 5 filed a bankruptcy petition and/or been the subject of involuntary bankruptcy proceedings during the past 7 years, and/or for any portion of the last 7 year period, been in a state of bankruptcy as a result of bankruptcy proceedings initiated more than 7 years ago and/or is any such business now the subject of any pending bankruptcy proceedings, whenever initiated?

YES ☐ NO ☒ If 'Yes', provide details for each such instance. (Provide a detailed response to all questions check "Yes". If you need more space, photocopy the appropriate page and attached it to the questionnaire.)

9.

- a. Is there any felony charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- b. Is there any misdemeanor charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- c. Is there any administrative charge pending against you?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- d. In the past 10 years, have you been convicted, after trial or by plea, of any felony, or of any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- e. In the past 5 years, have you been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- f. In the past 5 years, have you been found in violation of any administrative or statutory charges?

YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.

- 10 In addition to the information provided in response to the previous questions, in the past 5 years, have you been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or

investigative agency and/or the subject of an investigation where such investigation was related to activities performed at, for, or on behalf of the submitting business entity and/or an affiliated business listed in response to Question 5?
YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

- 11 In addition to the information provided, in the past 5 years has any business or organization listed in response to Question 5, been the subject of a criminal investigation and/or a civil anti-trust investigation and/or any other type of investigation by any government agency, including but not limited to federal, state, and local regulatory agencies while you were a principal owner or officer?
YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

- 12 In the past 5 years, have you or this business, or any other affiliated business listed in response to Question 5 had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?
YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

- 13 For the past 5 tax years, have you failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?
YES [] NO [X] If yes, provide an explanation of the circumstances and corrective action taken.

I, Patrick Kenneally, PE , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Patrick Kenneally, PE , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

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Greenman-Pedersen, Inc.

Name of submitting business

Electronically signed and certified at the date and time indicated by:

Patrick Kenneally, PE PKENNEALLY@GPINET.COM

President/CEO

Title

02/27/2023 11:17:49 am

Date

Business History Form

The contract shall be awarded to the responsible proposer who, at the discretion of the County, taking into consideration the reliability of the proposer and the capacity of the proposer to perform the services required by the County, offers the best value to the County and who will best promote the public interest.

In addition to the submission of proposals, each proposer shall complete and submit this questionnaire. The questionnaire shall be filled out by the owner of a sole proprietorship or by an authorized representative of the firm, corporation or partnership submitting the Proposal.

NOTE: All questions require a response, even if response is "none" or "not-applicable." No blanks.

(USE ADDITIONAL SHEETS IF NECESSARY TO FULLY ANSWER THE FOLLOWING QUESTIONS).

Date: 04/03/2023

1) Proposer's Legal Name: Greenman-Pedersen, Inc.

2) Address of Place of Business: 325 West Main Street

City: Babylon State/Province/
Territory: NY Zip/Postal
Code: 11702

Country: US

3) Mailing Address (if different): _____

City: _____ State/Province/
Territory: _____ Zip/Postal
Code: _____

Country: _____

Phone: _____

Does the business own or rent its facilities? B If other, please provide details:

1 File(s) uploaded: GPI Location List Last 5 Years for NC 2-10-2023.pdf

4) Dun and Bradstreet number: [REDACTED]

5) Federal I.D. Number: [REDACTED]

6) The proposer is a: Corporation (Describe) _____

7) Does this business share office space, staff, or equipment expenses with any other business?

YES [X] NO [] If yes, please provide details: _____

Please see attached

1 File(s) uploaded: Q7 Shared Space NC 2-10-23.pdf

- 8) Does this business control one or more other businesses?

YES ☒ NO ☐ If yes, please provide details:

Please see attached

1 File(s) uploaded: Q8 GPI Controlled Firms NC for BHF 2-10-23.pdf

- 9) Does this business have one or more affiliates, and/or is it a subsidiary of, or controlled by, any other business?

YES ☒ NO ☐ If yes, please provide details:

Please see attached

1 File(s) uploaded: Q9 GPI Subsidiaries & Affiliates NC for BHF 2-10-23.pdf

- 10) Has the proposer ever had a bond or surety cancelled or forfeited, or a contract with Nassau County or any other government entity terminated?

YES ☐ NO ☒ If yes, state the name of bonding agency, (if a bond), date, amount of bond and reason for such cancellation or forfeiture: or details regarding the termination (if a contract).

- 11) Has the proposer, during the past seven years, been declared bankrupt?

YES ☐ NO ☒ If yes, state date, court jurisdiction, amount of liabilities and amount of assets

- 12) In the past five years, has this business and/or any of its owners and/or officers and/or any affiliated business, been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency? And/or, in the past 5 years, have any owner and/or officer of any affiliated business been the subject of a criminal investigation and/or a civil anti-trust investigation by any federal, state or local prosecuting or investigative agency, where such investigation was related to activities performed at, for, or on behalf of an affiliated business.

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

- 13) In the past 5 years, has this business and/or any of its owners and/or officers and/or any affiliated business been the subject of an investigation by any government agency, including but not limited to federal, state and local regulatory agencies? And/or, in the past 5 years, has any owner and/or officer of an affiliated business been the subject of an investigation by any government agency, including but not limited to federal, state and local regulatory agencies, for matters pertaining to that individual's position at or relationship to an affiliated business.

YES ☒ NO ☐ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

U.S. Department of Labor Occupational Safety and Health Administration, Brooklyn Bridge, On 6/1/22, OSHA issued a citation to GPI for allegedly violating 29 CFR 1926.62 (d) (1) (i). OSHA cited GPI for failing to initially determine whether GPI employees may be exposed to lead at or above the action level. GPI contested the citation because OSHA

miscategorized our employees as being involved in abrasive blasting operations, that our employees would never be exposed to actionable levels of lead, and even if they were exposed, our employees were wearing PPE including half face respirators per OSHA requirements. After a second informal conference OSHA withdrew the citation.

- 14) Has any current or former director, owner or officer or managerial employee of this business had, either before or during such person's employment, or since such employment if the charges pertained to events that allegedly occurred during the time of employment by the submitting business, and allegedly related to the conduct of that business:

a) Any felony charge pending?

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

b) Any misdemeanor charge pending?

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

c) In the past 10 years, you been convicted, after trial or by plea, of any felony and/or any other crime, an element of which relates to truthfulness or the underlying facts of which related to the conduct of business?

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

d) In the past 5 years, been convicted, after trial or by plea, of a misdemeanor?

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

e) In the past 5 years, been found in violation of any administrative, statutory, or regulatory provisions?

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

- 15) In the past (5) years, has this business or any of its owners or officers, or any other affiliated business had any sanction imposed as a result of judicial or administrative proceedings with respect to any professional license held?

YES ☐ NO ☒ If yes, provide details for each such investigation, an explanation of the circumstances and corrective action taken.

- 16) For the past (5) tax years, has this business failed to file any required tax returns or failed to pay any applicable federal, state or local taxes or other assessed charges, including but not limited to water and sewer charges?

YES ☐ NO ☒ If yes, provide details for each such year. Provide a detailed response to all questions checked 'YES'. If you need more space, photocopy the appropriate page and attach it to the questionnaire.

- 17) Conflict of Interest:

a) Please disclose any conflicts of interest as outlined below. NOTE: If no conflicts exist, please expressly state "No conflict exists."

(i) Any material financial relationships that your firm or any firm employee has that may create a conflict of

interest or the appearance of a conflict of interest in acting on behalf of Nassau County.

No conflict exists

(ii) Any family relationship that any employee of your firm has with any County public servant that may create a conflict of interest or the appearance of a conflict of interest in acting on behalf of Nassau County.

Alan Dukacz, spouse of Sheila M Dukacz, CCM, Greenman-Pedersen, Inc. Traffic Project Specialist, is a Seasonal County employee working for NCDPW – Road Maintenance in the Mower Shop.

(iii) Any other matter that your firm believes may create a conflict of interest or the appearance of a conflict of interest in acting on behalf of Nassau County.

No conflict exists

- b) Please describe any procedures your firm has, or would adopt, to assure the County that a conflict of interest would not exist for your firm in the future.

GPI is fully committed to maintaining a high standard of ethical business conduct and has an established business ethics and conduct policy. Every employee is required to comply with, and sign off on, the GPI policy which includes required reporting/disclosure of any conflicts of interest.

- A. Include a resume or detailed description of the Proposer's professional qualifications, demonstrating extensive experience in your profession. Any prior similar experiences, and the results of these experiences, must be identified.

Have you previously uploaded the below information under in the Document Vault?

YES [] NO [X]

Is the proposer an individual?

YES [] NO [X] Should the proposer be other than an individual, the Proposal MUST include:

- i) Date of formation;

10/11/1966

- ii) Name, addresses, and position of all persons having a financial interest in the company, including shareholders, members, general or limited partner. If none, explain.

As of October 1, 2006, 100% of Greenman-Pedersen, Inc. stock is owned by Greenman-Pedersen, Inc. Employee Stock Ownership Trust (ESOT). Please see attached letter from our CFO.

1 File(s) uploaded: ESOT Letter 1-4-2023 (signed).pdf

- iii) Name, address and position of all officers and directors of the company. If none, explain.

1 File(s) uploaded: Q17Aiii GPI Principals NC for BHF as of 2-10-23.pdf

- iv) State of incorporation (if applicable);

NY

- v) The number of employees in the firm;
1771
- vi) Annual revenue of firm;
357296242
- vii) Summary of relevant accomplishments
Please see attached

4 File(s) uploaded: GPI Bridge Projects 3-24-22.pdf, GPI List of Relevant Bridge Projects 7-2019.pdf, GPI Roadway Projects 3-24-22.pdf, GPI Traffic Projects 3-24-22.pdf

- viii) Copies of all state and local licenses and permits.

1 File(s) uploaded: NC - GPI Licenses 2-10-23 reduced.pdf

- B. Indicate number of years in business.

57

- C. Provide any other information which would be appropriate and helpful in determining the Proposer's capacity and reliability to perform these services.

GPI has been in business for over 50 years and has consistently been ranked as one of the largest engineering companies on Long Island. We are an ENR Top 100 nationwide firm featuring multi-discipline services to DOT's, Agencies, Authorities and municipalities throughout the eastern US.

- D. Provide names and addresses for no fewer than three references for whom the Proposer has provided similar services or who are qualified to evaluate the Proposer's capability to perform this work.

| | | | |
|----------------|-----------------------------------|--------------------------|----|
| Company | NYCDOT | | |
| Contact Person | Emad Makarious | | |
| Address | 34-02 Queens Boulevard, 2nd Floor | | |
| City | Long Island City | State/Province/Territory | NY |
| Country | US | | |
| Telephone | (212) 839-3130 | | |
| Fax # | | | |
| E-Mail Address | emakarious@dot.nyc.gov | | |

| | | | |
|----------------|---|--------------------------|----|
| Company | Suffolk County Department of Public Works | | |
| Contact Person | William Hillman, P.E., Chief Engineer of Hwys, Structures & Waterways | | |
| Address | 335 Yaphank Avenue | | |
| City | Yaphank | State/Province/Territory | NY |
| Country | US | | |
| Telephone | (631) 852-4002 | | |
| Fax # | (631) 852-4150 | | |
| E-Mail Address | william.hillman@suffolkcountyny.gov | | |

| | | | |
|---------|--|--|--|
| Company | New York State Department of Transportation, Region 10 | | |
|---------|--|--|--|

| | | | |
|----------------|---|--------------------------|----|
| Contact Person | Ken Murphy, PE, Regional Design Engineer | | |
| Address | State Office Building, Room 5A3/5A4 , 250 Veterans Memorial Highway | | |
| City | Hauppauge | State/Province/Territory | NY |
| Country | US | | |
| Telephone | (631) 952-6654 | | |
| Fax # | (631) 952-6936 | | |
| E-Mail Address | ken.murphy@dot.ny.gov | | |

I, Gregory Zenk, PE , hereby acknowledge that a materially false statement willfully or fraudulently made in connection with this form may result in rendering the submitting business entity and/or any affiliated entities non-responsible, and, in addition, may subject me to criminal charges.

I, Gregory Zenk, PE , hereby certify that I have read and understand all the items contained in this form; that I supplied full and complete answers to each item therein to the best of my knowledge, information and belief; that I will notify the County in writing of any change in circumstances occurring after the submission of this form; and that all information supplied by me is true to the best of my knowledge, information and belief. I understand that the County will rely on the information supplied in this form as additional inducement to enter into a contract with the submitting business entity.

CERTIFICATION

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Name of submitting business: Greenman-Pedersen, Inc.

Electronically signed and certified at the date and time indicated by:
Gregory Zenk, PE GZENK@GPINET.COM

Executive Vice President/Branch Manager

Title

04/03/2023 04:36:43 pm

Date

January 4, 2023

To Whom It May Concern:

As of October 1, 2006, one hundred percent (100%) of Greenman-Pedersen, Inc. (GPI) stock was owned by the Greenman-Pedersen, Inc. Employee Stock Ownership Trust ("ESOT"), as a result of a Stock Redemption Agreement by and between Greenman-Pedersen, Inc. and all of its shareholders, except for the ESOT (hereinafter called, "the Agreement"). As part of this agreement, GPI redeemed, into Treasury, shares of stock in exchange for 15 year promissory notes with all of the shareholders.

The ESOT, in conjunction with the Greenman-Pedersen, Inc. Employee Stock Ownership Plan ("ESOP"), hereinafter collectively referred to as the "Plan", qualifies as a stock bonus plan under Section 401 (A) and an employee stock ownership plan under Section 4975(e)(7) of the Internal Revenue Code of 1986, as amended.

The Plan is currently represented and managed by:

Capital Trustees, LLC

17. S. Second Street, Suite 301

Harrisburg, PA 17101

(717) 919-5172

Richard A. Heeter, Managing Director

The Trustee is responsible for maximizing the benefit of the Plan's beneficiaries, which includes proper investment strategy and the equitable fairness of the Plan. The Plan's intent is to recognize the efforts of GPI's employees to sustain the success of the Company. Lastly, Federal regulations require that the Plan's primary investments must be in employer securities (company stock). The Plan is in compliance with all pertinent regulations.

Annual contributions to the Plan are determined by the Company's Board of Directors and may be made in the form of Company stock and/ or cash. The stock portion of the contribution is issued out of Treasury. Simultaneous to this determination, all contributions are allocated to each qualified employee based on two criteria: 1) the employee's years of service compared to total years of service of all eligible employees and, 2) employee's compensation compared to the total compensation of all eligible employees. Any employer securities shown in an employee's account does not infer actual ownership in the Company by that employee, but rather the rights that the employee has, as a beneficiary, to the economic value that those shares represent.

I hope that this brief explanation outlines the nature of the Plan's ownership in GPI.

Very truly yours,

GREENMAN-PEDERSEN, INC.



Michael J. Buoncore
Executive Vice President / CFO

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Barnum Island Creek Bridge Replacement | This project included scoping, preliminary and final design services for the reconstruction of the existing Long Beach Road Bridge over Barnum Island Creek. The project included in-depth inspection and report, Level One Load Rating, development of alternatives for rehabilitation or replacement of the existing bridge superstructures consisting of concrete encased steel girders and precast concrete box beams. GPI is performing construction support services for the replacement of the Barnum Island Bridge. | Nassau County Dept. of Public Works | 10,000,000.00 | | 1/11/2017 | Yes |
| Bridge Rehabilitation of Bruckner Expressway over Rosedale Avenue | The scope of the project involves replacement of the concrete bridge deck, repairs of structural steel girders, and retrofit/replacement of various substructure elements in main spans 5 to 7 over Rosedale Avenue. In the approach spans 1 to 4 and 8 to 27, the open areas beneath the approach viaduct will be filled with flowable concrete fill material to eliminate the structure and create an at-grade highway on subbase. Other work includes upgrading the highway and local street lighting, modifying highway drainage, and relocation of utilities. | New York State Dept. of Transportation | 582,965.00 | fee | 5/15/2025 Est. | Progressing on time/budget |
| Preliminary and Final Design for the Construction of a New Southaven Park Dam and Fish Ladder | GPI is inspecting and analyzing the dam structure across the Carmen's River to determine if it could be rehabilitated or if it would need to be replaced. Final design of dam structure includes a walking path across the top, reconstruction of the weir boards, and coordination of the fish ladder design. | Suffolk County Dept. of Public Works | 1,000,000.00 | | 10/25/2022 Est. | Progressing on time/budget |
| FDR Drive 34th Street to 42nd Street Viaduct Scoping | GPI has been retained to prepare a project scoping report for the replacement of the 34th Street Viaduct on the FDR Drive in Manhattan. | New York State Dept. of Transportation | 1,208,409.00 | fee | 9/30/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|--|--------------------|----------------------------|-----------------|---|
| Bridge Replacement of East 138th Street over Major Deegan Expressway | This project is to advance the final design tasks for the bridge replacement of East 138th Street over the Major Deegan Expressway, BIN 1-06679-0. Work consists of Work Zone Traffic Control plans, development of complex staging on the bridge, local streets and Major Deegan Expressway, constructability analysis, detour development, permitting, sewer design, utility relocation, and street lighting and traffic signals. Project deliverables will be a hybrid of 3-D model contract documents in Open Roads and conventional design details. GPI is currently providing construction support services. | New York State Dept. of Transportation | 1,381,671.00 | fee | 5/15/2025 Est. | Progressing on time/budget |
| Sand's Point Preserve Bridge Improvements | GPI is performing an in-depth inspection of both the arch bridge and approach retaining walls and is preparing a study report and recommending repairs in order to return the bridge, retaining walls and parapets to safe condition. Once approved, plans and bid documents for repair will be prepared. This project also includes CSS. | Nassau County Dept. of Public Works | 2,000,000.00 | | 2/21/2023 Est. | Progressing on time/budget |
| Total Design and Construction Support Services for the Rehabilitation of Boston Road Bridge over the Bronx River | This project involves total design for the rehabilitation of the Boston Road Bridge over the Bronx River. The existing bridge is a one span reinforced concrete arch with fill. The project includes an in-depth inspection, load rating, preparation of a Design Approval Document (DAD), alternative analyses, community outreach, and traffic analysis. | New York City Dept. of Transportation | 2,000,000.00 | | 12/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|-------------------------------------|--------------------|----------------------------|-----------------|---|
| Engineering Services to Evaluate and Prepare Recommendations for the Rehabilitation of Three Bridges | The overall objective of this project is to examine the condition of and develop alternatives for the rehabilitation of three bridges owned or maintained by the City of Yonkers. The Babcock Place Bridge is a three-span continuous concrete box beam superstructure with a concrete deck over Metro-North Railroad. An Initial Project Proposal/Final Design Report was prepared in accordance with the procedures for Locally Administered Federal Aid Projects (LAFAP). Final design included the replacement of the concrete bridge deck and joints, vehicular detour during construction as well as coordination with Metro-North Railroad. The Pennsylvania Avenue culvert included alternatives to replace the entire culvert and the top slab. Concrete cores were taken to access the concrete condition of the top slab and culvert walls. Final design included the replacement of the top slab and vehicular detour during construction. | City of Yonkers | 3,000,000.00 | | 12/31/2022 Est. | Progressing on time/budget |
| Rehabilitation of Glenn Curtiss Bridge over Meadowbrook State Parkway | This project includes the preliminary and final designs for the Glenn Curtiss Boulevard Bridge over the Meadowbrook State Parkway. Preliminary design includes the preparation of a Bridge Rehabilitation Report (BRR) in accordance with the procedures for Locally Administered Federal Aid Projects (LAFAP). The rehabilitation of the bridge will include the replacement of the deck slab and all bearings with elastomeric bearings; a seismic retrofit will require adjustments of the pedestals to fit new bearings; substructure rehabilitation based on the in-depth field inspection; and the approach roadways, center median, and guide rails replacement. | Nassau County Dept. of Public Works | 10,000,000.00 | | 10/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Total Design and Construction Support Services for the Rehabilitation of Ocean and Parkside Avenue Bridge over NYCTA Brighton Line | Total design for the rehabilitation of the Ocean and Parkside Avenue Bridge over the New York City Transit Authority (NYCTA) Brighton Line in Brooklyn. The existing bridge has a total of six spans with a deck area of approximately 48,700 sq ft. The bridge has a total width of 609 ft and carries traffic lanes and sidewalks along Ocean Avenue and at the intersections with Woodruff and Parkside Avenues. The bridge structure consists of reinforced concrete closed spandrel deck arch on reinforced concrete piers. The project includes an in-depth inspection, load rating, preparation of a Design Approval Document (DAD), alternative analyses, community outreach, and traffic analysis. | New York City Dept. of Transportation | 20,000,000.00 | | 12/31/2022 Est. | Progressing on time/budget |
| Eight Bridges Component Rehabilitation, HBCR02B | This is a total design and construction support services contract which includes project coordination; in-depth inspection of eight bridges; preparation of a Bridge Rehabilitation Report (BRPR); preparation of preliminary and final design plans, specifications, and engineer's estimate; providing bidding assistance to the city; load ratings; final contract bid documents. GPI is currently performing construction support services for this project. | New York City Dept. of Transportation | 21,011,453.00 | | 1/31/2022 Est. | Progressing on time/budget |
| Total Design and Construction Support Services for the Rehabilitation of the 49th Avenue Bridge over Long Island Railroad, Amtrak | Total design for the rehabilitation of the 49th Avenue Bridge over Long Island Rail Road (LIRR), Amtrak, and the LIRR Hunters Point Avenue Station. | New York City Dept. of Transportation | 65,000,000.00 | | 12/31/2022 Est. | Progressing on time/budget |
| Bulkhead Replacement NY Rising Housing Recovery Program | GPI provided structural engineering services for the replacement of an existing bulkhead as part of the NY Rising Housing Recovery Program. | Poospatuck Indian Reservation | 2,500.00 | fee | 11/30/2014 | Yes |
| Burrwood Court Slope Stability Study | Provided a report regarding the failed bluff located on this property. | Dana and Frank Messina | 4,000.00 | fee | 7/25/2017 | Yes |
| Structural Design Services for Inspection at the East Plant Building | Structural condition assessment and recommendations for remedial action for the deterioration of the concrete floor slab at their East Plant Building. | State University of New York at Stony Brook | 7,000.00 | fee | 6/27/2012 | Yes |
| Nassau County Police Department Marine Bureau, Mission 8 | Conducted an inspection to identify post Superstorm Sandy damage of specific critical facility and building systems including the marina. Developed an assessment report with recommendations. | Nassau County Dept. of Public Works | 17,527.04 | fee | 6/16/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| Value Engineering Study Rehabilitation of Boston Road Bridge over Hutchinson River | GPI provided a senior bridge designer to provide expertise to the VE team. We participated in the VE Study and assisted with evaluations of alternatives and presentation of alternatives to improve the project value. | New York City Office of Management and Budget | 19,800.00 | fee | 9/20/2019 | Yes |
| Jacking Plan for LIE over LIRR Bridge | Design of structural lifting operations for the rehabilitation of bridge. | H&L Contracting, LLC | 25,000.00 | fee | 9/11/2015 | Yes |
| VMS #2595-17 - Woodhaven Boulevard Bridge over Queens Boulevard Value Engineering Study | This project involved performing a value engineering study for the reconstruction of an existing bridge which carries one major arterial over another major arterial in the Borough of Queens in New York City. The existing structure exhibited significant forms of deterioration which had to be addressed to bring it back to a state of good repair. | New York City Office of Management and Budget | 32,330.00 | fee | 11/22/2019 | Yes |
| VMS#2257 79th Street Boat Basin Bridge Value Engineering Study | GPI participated in a Value Engineering Study to review preliminary plans of the structure. | New York City Office of Management and Budget | 33,920.00 | fee | 11/17/2017 | Yes |
| Engineering Design for JFK Memorial Drive Bridge Repairs | GPI performed a field investigation of the existing JFK Memorial Drive Bridge to assess the current yellow flag conditions. Once GPI surveyed the existing structure, a plan of action to remedy the yellow flag was developed and approved documents were produced so that the contractor could make necessary repairs. Specifications were also provided to ensure proper protocol was followed. | City of Yonkers | 34,271.40 | fee | 10/21/2019 | Yes |
| Bridge Repair Contract, Various Locations | Design of structural lifting systems for six NYSDOT bridges as part of construction support services for the contractor to perform component rehabilitation of bridges. | New York State Dept. of Transportation | 35,000.00 | fee | 12/31/2017 | Yes |
| Professional Engineering Services for Repairs to MNR Bridge at Ludlow Street | GPI assisted the City of Yonkers in responding to a yellow flag condition found during the NYSDOT Biennial Inspections for the bridge. This consisted of inspection of the condition (severe corrosion at the ends of girders on the north abutment), preparation of repair plans, and preparation of engineer's estimate and specifications for the work required. | City of Yonkers | 37,735.20 | fee | 12/10/2018 | Yes |
| Riviera Drive Bridges (East and West) over Santa Barbara Canal Scoping Report for the Rehabilitation or Reconstruction | Structural engineering services to provide a scoping report for the rehabilitation or reconstruction to eliminate load posting for the Riviera Drive Bridges. | Town of Babylon | 45,700.00 | fee | 7/31/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|--|--------------------|----------------------------|-----------------|---|
| Hospital Road Bridge over Sunrise Highway | Preliminary design phase of the replacement of the Hospital Road Bridge over Route 27. Work required revisions to the draft Design Report/Environmental Assessment and associated plans and supporting documentation. | Town of Brookhaven | 53,900.00 | fee | 10/31/2017 | Yes |
| Smith Point Bridge Value Engineering Study | Suffolk County was required by FHWA regulations to perform a Value Engineering Study for the project. A five-day workshop was performed to assess the possible design alternatives that could be used to provide best value to the County and public for this project. The VE workshop was performed in accordance with SAVE International's standards for Value Engineering Studies. | Suffolk County Dept. of Public Works | 57,780.80 | fee | 11/7/2015 | Yes |
| Structural Lifting for Rt. 25 Bridge over NY 107 | Structural lifting of bridge superstructure to facilitate the replacement of bearings and performing substructure repairs. | New York State Dept. of Transportation | 61,392.24 | fee | 4/15/2021 | Yes |
| Emergency Repair Service at the Long Beach Boulevard Bridge | Inspected and designed structural repair of deteriorated bridge joints for bascule lift bridge. | Nassau County Dept. of Public Works | 67,400.00 | fee | 1/18/2019 | Yes |
| Rehabilitation of Sagg Bridge on Bridge Lane | In-depth bridge inspection and preparation of a memorandum to the Village describing inspection findings along with repair recommendations. Also involved preparation of repair plans for the bridge based upon inspection findings. Construction support services were also provided for this project. | Village of Sagaponack | 110,430.00 | fee | 6/14/2017 | Yes |
| Emergency Repairs to Various Bridges | Work included providing calculations for structural lifting operations for bridge repair work. | Gibson & Cushman Contracting, LLC | 139,610.00 | fee | 7/21/2014 | Yes |
| Structural Lifting Operations CR 99, Wellwood Avenue over Buckley Road | Provided engineering services to the contractor for the design of a structural lifting system needed to repair a bridge girder. | Suffolk County Dept. of Public Works | 500,000.00 | | 1/30/2016 | Yes |
| Shelter Island Heights Bluff Erosion Protection Wall | This project involved preparation of contract plans for the development of a 480-ft erosion protection wall required at the toe of a bluff which experienced failure during Superstorm Sandy. | Twomey, Latham, Shea & Kelley, Dubin & Quartararo, LLP | 675,000.00 | | 12/31/2015 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| In-Depth Inspection and Other Related Services for the Brooklyn-Queens Expressway | This project involved in-depth inspections and load ratings on eight bridges carrying the BQE in the vicinity of the Brooklyn and Manhattan Bridges. Work included in-depth inspection of all elements of the bridges as well as concrete coring and testing, environmental sampling and testing and analysis of the structures to determine the live load rating for each bridge in its as-built and as-inspected current condition and the preparation of the inspection report. | New York City Dept. of Transportation | 769,293.60 | fee | 6/30/2017 | Yes |
| Preliminary and Final Design for the Restoration of the Bridge at the Vanderbilt Museum | This project involved rehabilitation of a unique concrete rigid frame bridge on the Vanderbilt Estate grounds, built with stone mosaics throughout the sidewalks and facade of the structure. | Suffolk County Dept. of Public Works | 1,000,000.00 | | 12/31/2019 | Yes |
| Repair of 4 Bridges at Various Locations on or over NY Route 27 | Design of structural lifting systems for NYSDOT bridges as part of construction support services for the contractor to perform component rehabilitation of bridges. | New York State Dept. of Transportation | 1,500,000.00 | | 12/27/2019 | Yes |
| Design for Pulaski Bridge Two-Way On-Street Protected Bike Path | The Pulaski Bridge, connecting Brooklyn and Queens, became a very important link within New York City's approximately 280 miles on-street bicycle network. This project involved converting one Brooklyn-bound travel lane, on the west side of bridge, into a bicycle path by installing a Jersey barrier to separate the vehicular and cycling traffic. | New York City Dept. of Transportation | 2,700,000.00 | | 5/31/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---------------------------------------|--------------------|----------------------------|-----------------|---|
| Montebello - Babcock Place CSS | The overall objective of this project was to examine the condition of and develop alternatives for the rehabilitation of three bridges owned or maintained by the City of Yonkers. The Babcock Place Bridge was a three-span continuous concrete box beam superstructure with a concrete deck over Metro-North Railroad. An Initial Project Proposal/Final Design Report was prepared in accordance with the procedures for Locally Administered Federal Aid Projects (LAFAP). Final design included the replacement of the concrete bridge deck and joints, vehicular detour during construction as well as coordination with Metro-North Railroad. The Pennsylvania Avenue culvert included alternatives to replace the entire culvert and the top slab. Concrete cores were taken to access the concrete condition of the top slab and culvert walls. Final design included the replacement of the top slab and vehicular detour during construction. | City of Yonkers | 3,000,000.00 | | 11/23/2021 | Yes |
| Whaleneck Creek Culvert | Project included performing an in-depth inspection of a twin barrel concrete box culvert to determine the current condition. As a result of the inspection findings, both repair and replacement alternatives were developed. | Nassau County Dept. of Public Works | 3,000,000.00 | | 10/1/2013 | Yes |
| Merrick Road over Milburn Creek Bridge Rehabilitation | The project included preparation of the initial project proposal/final design report document and coordination of environmental approvals for this Bridge-NY Project. In addition, the project involved performing an in-depth inspection of a twin-barrel concrete box culvert and evaluation of existing roadway to determine the current conditions. Per inspection findings, contract documents including site design plans, staging and maintenance and protection of traffic plans, details, and tables were prepared for the repair of the box culverts and headwall, waterproofing top slab of the bridge/culvert, and restoration of roadway/grade above culvert repair. | Nassau County Dept. of Public Works | 4,000,000.00 | | 6/5/2019 | Yes |
| Pulaski Bridge Bike Path CSS | Engineering support services during the construction of the separated, protected bicycle lane and pedestrian walkway through Pulaski Bridge. | New York City Dept. of Transportation | 4,200,000.00 | | 9/30/2018 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|--|--------------------|----------------------------|-----------------|---|
| Painting and Rehabilitation of Glenn Curtiss Boulevard over Meadowbrook State Parkway and Charles Lindbergh Boulevard over Meadowbrook State Parkway | This project involved a 100% hands-on inspection of each bridge; an environmental assessment to determine if any hazardous materials existed at these bridges; development of a Design Report in accordance with the Locally Administered Federal Aid Procedures; preparation of design plans, specifications and estimates and project coordination with affected agencies. All of the above was performed in a manner which minimized impact to the traveling public. | Nassau County Dept. of Public Works | 6,000,000.00 | | 1/31/2014 | Yes |
| Total Design and Construction Support Services for the Rehabilitation of the Annadale Road Bridge over the Staten Island Railroad | GPI provided final design and construction support services for the \$6.2-million redesign of the Annadale Road Bridge into a single-span, multi-girder bridge and preparation of contract plans. | New York City Dept. of Transportation | 6,232,380.00 | | 12/31/2012 | Yes |
| Port Jefferson Apartments (Heritage Inn Site) | Civil/site and structural engineering services for on-site bridges, retaining walls, topographic survey, landscape architecture design, and traffic studies for this 3.7-acre site development in downtown Port Jefferson Harbor. GPI also provided collaborative assistance on SEQR and NYSDEC issues. | Tritec Development Group LLC | 8,000,000.00 | | 6/19/2018 | Yes |
| Rehabilitation of the Port Jefferson Ferry Terminal Filled Pier | This project involved design and rehabilitation of the Port Jefferson Ferry Terminal vehicle holding area including sheet piling replacement, utilities, rails, lighting, and guide rail. Construction support services of the filled wharf pier were also provided and included shop drawing review, interim field inspections, temporary support/erection, review of drawings, required field revision review, and attendance at required meetings. | Bridgeport & Port Jefferson Steamboat | 10,000,000.00 | | 8/30/2018 | Yes |
| Barnum Island Creek Bridge Replacement Construction Support Services | This project included providing construction support services for the replacement of the Barnum Island Bridge in Island Park, NY. | Nassau County Dept. of Public Works | 10,000,000.00 | | 5/10/2018 | Yes |
| Steel Bridge Rehabilitation Final Design (Phases V-VI) | Project involved in-depth inspection of 16 multi-span steel stringer bridges located throughout Nassau and Suffolk Counties to determine their current condition in order to establish the required rehabilitation work to be performed at each structure. | New York State Dept. of Transportation | 11,500,000.00 | | 6/30/2013 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| Five Bridges over Abandoned CSX Railroad | Design and CSS services to fill the void space below the five bridges over the abandoned CSX Railroad line in the Bronx. The project involved converting the bridge structures to on-grade roadway pavement. The five bridges included: E. 156th Street, E. 161st Street, E. 163rd Street, 3rd Avenue and Brook Avenue Bridges. | New York City Dept. of Transportation | 14,500,000.00 | | 12/30/2021 | Yes |
| Replacement of the 21st Avenue Bridge over NYCT Sea Beach Line Final Design | This project involved the preparation of the Environmental Assessment Statement (EAS) required to replace the existing bridge. | New York City Dept. of Transportation | 15,000,000.00 | | 12/14/2016 | Yes |
| Nine Bridges Component Rehabilitation, HBCR01C | This was a total design and construction support services contract for the rehabilitation of nine bridges in the boroughs of Manhattan, Queens and Staten Island. | New York City Dept. of Transportation | 18,000,000.00 | | 7/11/2018 | Yes |
| (VMS #2133) Riverside Drive Bridge over West 158th Street | GPI participated in a Value Engineering Study to review preliminary rehabilitation plans of the structure. | New York City Office of Management and Budget | 50,000,000.00 | | 1/31/2017 | Yes |
| Roosevelt Island Bridge Construction Support Services | Provided construction support services to NYCDOT for the rehabilitation of the Roosevelt Island Bridge and its approach roadways. GPI performed shop drawing review, technical review of contractor's inquiries during construction, and coordination of CSS work performed by subconsultants. | New York City Dept. of Transportation | 86,000,000.00 | | 4/22/2016 | Yes |
| (VMS #2205) Brooklyn Bridge Value Engineering Study | GPI participated in a Value Engineering Study to review preliminary rehabilitation plans of the structure. | New York City Office of Management and Budget | 265,000,000.00 | | 5/1/2017 | Yes |

Greenman-Pedersen, Inc.

List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|---|---|---------------|-----------------|---|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 1. Merrick Road over Milburn Creek Bridge Rehabilitation, Freeport, NY. The project includes performing an in-depth inspection of a twin-barrel concrete box culvert to determine the current condition. Per inspection findings, GPI will provide repair plans of box culverts and headwall, waterproofing top slab of bridge/culvert, and restoring roadway/grade above culvert. | Nassau County Dept. of Public Works Westbury, NY | \$4,000,000 | Est. 2019 | Progressing on time/budget |
| 2. Barnum Island Creek Bridge Replacement Construction Support Services, Island Park, NY. This project included providing construction support services for the replacement of the Barnum Island Bridge in Island Park, NY. | Nassau County Dept. of Public Works Westbury, NY | \$250,000 fee | 2018 | Yes |
| 3. Barnum Island Creek Bridge Replacement, Hamlet of Oceanside, NY. GPI provided scoping, preliminary and final design services for the reconstruction of the existing Long Beach Road Bridge over Barnum Island Creek. The project included in-depth inspection and report, Level One Load Rating, development of alternatives for rehabilitation or replacement of the existing bridge superstructures consisting of concrete encased steel girders and precast concrete box beams. GPI performed construction support services for the replacement of the Barnum Island Bridge. | Nassau County Dept. of Public Works Westbury, NY | \$10,000,000 | 2017 | Yes |
| 4. Rehabilitation of the Pearl Street Bridge, East Rockaway/ Oceanside, NY. REI/construction inspection services for the rehabilitation of the Pearl Street Bridge, including addressing red-flag repairs; repairs to bridge pilings and replacement of steel piling jackets; repair of underdeck concrete cracks/spalls; removal and replacement of armored roadway joints; and miscellaneous repairs. | Nassau County Dept. of Public Works Westbury, NY | \$2,500,000 | Est. 2019 | Progressing on time/budget |
| 5. Resurfacing of Various Nassau County Roads, Mission 7, Nassau County, NY. Resurfacing of 10.2 centerline lane miles of various existing asphalt and composite roadways throughout Nassau County. The goal was to rehabilitate and improve the riding surface quality of the roadways and to extend their service life. | Nassau County Dept. of Public Works Westbury, NY | \$157,500 | 2015 | Yes |
| 6. Painting and Rehabilitation of Glenn Curtiss Boulevard over Meadowbrook State Parkway and Charles Lindbergh Boulevard over Meadowbrook State Parkway, Various Locations, NY. GPI provided a 100% hands-on inspection of each bridge; an environmental assessment to determine if any hazardous materials existed at these bridges; development of a Design Report in accordance with the Locally Administered Federal Aid Procedures; preparation of design plans, specifications and estimates and project coordination with affected agencies. All of the above was performed in a manner which minimized impact to the traveling public. | Nassau County Dept. of Public Works Westbury, NY | \$6,000,000 | 2014 | Yes |
| 7. Inspection of 27 Pedestrian Bridges, Nassau County, NY. Performed a visual inspection and prepared a letter report identifying any required repairs to each of the 27 pedestrian bridges. | Nassau County Dept. of Public Works Westbury, NY | \$37,000 fee | 2008 | Yes |
| 8. Nassau County Police Department Marine Bureau, Mission 8, Nassau County, NY. Conducted an inspection to identify post Superstorm Sandy damage of specific critical facility and building systems including the marina. Developed an assessment report with recommendations. | Nassau County Dept. of Public Works Westbury, NY | \$17,527 fee | 2014 | Yes |
| 9. Whaleneck Creek Culvert, Merrick, NY. Project included performing an in-depth inspection of a twin barrel concrete box culvert to determine the current condition. As a result of the inspection findings, both repair and replacement alternatives were developed. | Nassau County Dept. of Public Works Westbury, NY | \$3,000,000 | 2013 | Yes |

Greenman-Pedersen, Inc.
List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|---|---|------------------------|------------------------|--|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 10. Emergency Repair Service at the Long Beach Boulevard Bridge, Long Beach, NY. Inspect and design structural repair of deteriorated bridge joints for bascule lift bridge. | Nassau County Dept. of Public Works Westbury, NY | \$67,400 fee | Est. 2019 | Progressing on time/budget |
| 11. Rockville Centre Bridge Painting, Rockville Centre, NY. The project involved construction inspection services for the rehabilitation and painting of pedestrian bridges over Peninsula Boulevard and Merrick Road in Rockville Centre, Nassau County | Nassau County Dept. of Public Works Westbury, NY | \$2,687,345 | 2010 | Yes |
| 12. Painting and Rehabilitation of Four Bridges, Nassau County, NY. GPI prepared contract documents for the component rehabilitation and painting of four pedestrian bridges in Nassau County. Work included repairs to masonry abutments and wingwalls, approach pavements, stone path improvements, steel railing repairs and painting, and graffiti removal. | Nassau County Dept. of Public Works Westbury, NY | \$2,000,000 | 2010 | Yes |
| 13. On-Call Civil Engineering and Site Development Design and Support Services, Various Locations, Nassau County, NY. GPI provided design plans, construction estimates, and special specifications for roads, bridges, drainage facilities, or various other infrastructures on an on-call basis. | Nassau County Dept. of Public Works Westbury, NY | \$318,271 total fee | 2016 | Yes |
| 14. Trail Crossing Design (Woodbury Road), Woodbury, NY. This project involves improving the safety of the existing Nassau-Suffolk Greenbelt Trail Crossing of Woodbury Road. The proposed improvement includes installing a marked crosswalk controlled by a HAWK beacon (H igh-Intensity A ctivated cross W alk beacon) also known as a Pedestrian Hybrid Beacon (PHB). This will be the first HAWK installation by NCDPW. | Nassau County Dept. of Public Works Westbury, NY | \$200,000 | Est. 2019 | Progressing on time/budget |
| 15. Elmont Traffic Safety Study, Elmont, NY. GPI is conducting a traffic safety study within the Hamlet of Elmont due to numerous requests to evaluate safety along both Elmont Road and Dutch Broadway. Engineering recommendations are being developed to calm traffic in the area to provide for a safer pedestrian and vehicular environment, developing mitigation to reduce the frequency and severity of crashes, improve walkability, meet ADA requirements, increase sight distance at intersections, and provide a walkable "Safe Route to School" where applicable. | Nassau County Dept. of Public Works Westbury, NY | \$182,163 | Est. 2019 | Progressing on time/budget |
| 16. TMC Operations Personnel Phase 2, Westbury, NY. This project provides full-time operations personnel to staff the County's Traffic Management Center (TMC) facility in Westbury, NY on a 24 hour per day, 7 day per week basis. | Nassau County Dept. of Public Works Westbury, NY | \$1,041,144 fee | Est. 2020 | Progressing on time/budget |
| 17. Nassau County On-Call Contract for CEI Services to Resurface County Roads, Various Locations Nassau Co., NY. Project involved providing construction inspection services for both night-time and day-time resurfacing of Nassau County roads. Work included milling and asphalt paving of roadways and necessary adjustment of drainage castings for this \$3.2-million project. | Nassau County Dept. of Public Works Westbury, NY | \$3,219,000 | 2008 | Yes |
| 18. Seaford Road Raising - Miami Street and Anchor Place, Seaford, NY. The Town of Hempstead will utilize CDBG-DR funds under the auspices of the Governor's Office of Storm Recovery (GOSR) to reconstruct and raise in elevation approximately 1,730 ft of local residential streets that are currently experiencing tidal flooding. The reconstruction and raising of street terminus existing bulkheads to higher more resilient elevation is also a part of the proposed work. | Town of Hempstead Hempstead, NY | \$1,330,000 | Est. 2020 | Progressing on time/budget |

Greenman-Pedersen, Inc.

List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|--|---|--------------------|-----------------|---|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 19. Roadway Reconstruction in the Harbor Boulevard/Tiana Street Area, Seaford, NY. Topographic survey, final design, construction documents and construction inspection for the reconstruction of multiple residential roadways located in Seaford, NY. The project was advanced under three separate design and construction contracts due to funding and property limitations. | Town of Hempstead Engineering Hempstead, NY | \$5,200,000 | 2009 | Yes |
| 20. Garvies Point Road Final Design, Glen Cove, NY. GPI provided technical support, agency liaison, and QA/QC review of materials associated with the final design plans, specifications, property acquisitions, and construction cost estimates for this locally administered federal aid project for Garvies Point Road. | City of Glen Cove Glen Cove, NY | \$67,000,000 | 2015 | Yes |
| 21. Harbor Boulevard/Tiana Street Area - Narraganset Avenue Road Raise, Seaford, NY. This project involved mitigation of tidal flooding occurring on a Town roadway in a low-lying area adjacent to canals connected to Long Island's Great South Bay. GPI provided analysis and design of roadway profiles to raise the roadway to mitigate the frequency of roadway tidal flooding occurrences. GPI developed off-road grading on private property and adjacent to residential homes, in consideration of the construction impacts onto private property. GPI provided construction bid documents for the competitive bidding of this project by the Town. The project was bid, awarded and has been constructed. GPI performed detailed daily construction inspection and support services during the construction phase of the project. | Town of Hempstead Engineering Hempstead, NY | \$1,400,000 | 2016 | Yes |
| 22. Engineering Services in Conjunction with Capacity Improvements on CR 97, Nicolls Road between NY 25A/Patchogue LIRR including 3rd Lane & BRT Options, , Stony Brook to Patchogue, NY. This project involves preparing a Design Approval Document and an Environmental Assessment for Bus Rapid Transit (BRT) in the Nicolls Road corridor. This includes preparing preliminary plans for roadway and traffic signal modifications to support a dedicated BRT lane, traffic signal priority, queue jumps, bus rapid transit stations, environmental studies, and a public involvement program. | Suffolk County Dept. of Public Works Yaphank, NY | \$2,064,616 fee | Est. 2019 | Progressing on time/budget |
| 23. Preliminary and Final Design for the Restoration of the Bridge at the Vanderbilt Museum, Town of Huntington, NY. This project involves rehabilitation of a unique concrete rigid frame bridge on the Vanderbilt Estate grounds, built with stone mosaics throughout the sidewalks and facade of the structure. | Suffolk County Dept. of Public Works Yaphank, NY | 62,441 fee | Est: 2019 | Progressing on time/budget |
| 24. Improvements to County Road 73, Roanoke Avenue from NY 25, Main Street to CR 58, Old Country Road, Riverhead, NY. Rehabilitation of curb and sidewalk, drainage improvements including the removal and replacement of existing drainage structures, pavement resurfacing, and traffic signal improvements along CR 73 Roanoke Avenue. The installation of a "Vortechs" below-ground storm water treatment device including dewatering operations was also required. | Suffolk County Dept. of Public Works Yaphank, NY | \$3,800,000 | 2017 | Yes |
| 25. Reconstruction of Bulkhead at Timber Point Police Marina, Town of Islip, NY. GPI provided engineering services for the structural assessment of the existing timber navy-style bulkhead and the design of new composite sheeting to be installed in front of the existing bulkhead. Final design and construction support and inspection were provided, including design of new lighting for the adjacent parking lot and preparation of utility plans and details for utility conflicts as needed. | Suffolk County Dept. of Public Works Yaphank, NY | \$513,000 | 2009 | Yes |

Greenman-Pedersen, Inc.

List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|---|--|-----------------------------|-----------------|---|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 26. Smith Point Bridge Value Engineering Study, Suffolk County, NY. Suffolk County was required by FHWA regulations to perform a Value Engineering Study for the project. A five-day workshop was performed to assess the possible design alternatives that could be used to provide best value to the County and public for this project. The VE workshop was performed in accordance with SAVE International's standards for Value Engineering Studies. | Suffolk County Dept. of Public Works Yaphank, NY | \$57,781 fee | 2015 | Yes |
| 27. Feasibility Study for Sidewalks on CR 39, Town of Southampton, NY. GPI is providing a feasibility study to evaluate and prepare conceptual design alternatives to incorporate PROWAG/ADA compliant sidewalks, pedestrian ramps, curbs, and drainage along two miles of CR 39 in Southampton. | Suffolk County Dept. of Public Works Yaphank, NY | \$61,979 fee | Est. 2019 | Progressing on time/budget |
| 28. Regional Design Services Agreement (RDSA) - Region 10, Nassau and Suffolk Counties, NY. The RDSA provides for consultant design services which may include all preliminary design activities (Phases I-IV); final design for bridge/culvert replacement; bridge/culvert rehabilitation; highway construction and highway rehabilitation projects; public involvement; design survey and mapping; right-of-way survey and mapping; environmental assessments and studies; in-depth bridge inspection; constructability review; Intelligent Transportation System (ITS) design; multi-site assignments (i.e. design of traffic signals, sign design, asset allocation and condition surveys, etc.); and construction support services. | New York State Dept. of Transportation Albany, NY | \$242,549 total fee to date | Est. 2020 | Progressing on time/budget |
| 29. Reconstruction of NY 347 from NY 454 to NY 25, Town of Smithtown, NY. Final design, construction documents and construction support for the reconstruction and widening of NY 347 from four to six lanes between Brookside Drive and the Smith Haven Mall. The project will be advanced under separate construction contracts including PINs 0054.08, 0054.18 and 0054.20. | New York State Dept. of Transportation Albany, NY | \$182,000,000 | Est. 2019 | Progressing on time/budget |
| 30. Emergency Safety Structure and Pavement Design, Assignment #08 - Superstorm Sandy Emergency Safety Structure and Pavement Design, Assignment #08 - Superstorm Sandy, Various Locations, NY. GPI provided emergency services as a result of damages caused by Superstorm Sandy. | New York State Dept. of Transportation Albany, NY | \$50,000 total fee | 2015 | Yes |
| 31. Emergency, Safety and Pavement Standby Design Support, Various Locations, Nassau and Suffolk Counties, NY. GPI provided engineering services to the New York State Dept. of Transportation on a call-in basis. Projects included asphalt removal, culvert replacement, pedestrian traffic signal, and safety investigations. | New York State Dept. of Transportation Albany, NY | \$646,919 total fee | 2014 | Yes |
| 32. Drainage Improvements at Multiple Locations, Nassau and Suffolk Counties, NY. Final design and construction documents for a range of drainage improvements at 16 locations including isolated leaching basins, new drainage systems, and new recharge basins. | New York State Dept. of Transportation Albany, NY | \$5,000,000 | 2013 | Yes |
| 33. Bethpage State Park Bikeway Extension, Nassau County, NY. GPI prepared a topographic survey, preliminary and final design, and construction documents for this shared-use path connecting the existing Bethpage State Park trail and the Syosset Railroad Station. The project received the 2013 Quality of Life Award from the Long Island ASCE Chapter. | New York State Dept. of Transportation Albany, NY | \$8,500,000 | 2010 | Yes |
| 34. Guide Rail Rehabilitation, Middle Island and Sag Harbor, NY. This project involved the design of new guide rail to replace existing damaged and non-standard existing guiderail at two locations. | New York State Dept. of Transportation Albany, NY | \$50,000 fee | 2017 | Yes |

Greenman-Pedersen, Inc.

List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|---|--|---------------|-----------------|---|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 35. I-495 Police Enforcement Areas, Multiple Locations, Nassau County, NY. Project included field investigation, final site design, coordination with respective agencies, construction cost estimating, and plan production. | New York State Dept. of Transportation Albany, NY | \$650,000 | 2013 | Yes |
| 36. Miscellaneous Safety Improvements, Nassau and Suffolk Counties, NY. Traffic safety study of improvements at the intersection of NY 106/Brookville Road, the intersection of NY 231/Old Country Road, and along NY 25A near Cold Spring Harbor Laboratory. | New York State Dept. of Transportation Albany, NY | \$7,850 fee | 2012 | Yes |
| 37. Mill and Fill, I-495 NYC Line to Exit 37 (Willis Avenue), Assignment #2, Queens/Nassau County, NY. The proposed work included a 2-in. pavement milling of the existing asphalt riding surface, some isolated full-depth composite pavement or full-depth asphalt repairs, new top course asphalt resurfacing and new pavement markings. The asphalt resurfacing was a 2-in. overlay hot mix asphalt. Drainage work was limited to frame and grate adjustments for frames that were broken, or grates that were low prior to resurfacing, as necessary. This mill and fill project did not change the profile grades so drainage flows and grate elevations were not affected. The centerline length of the project was 4.3 miles or 42.9 lane miles, with an additional four miles of ramps. | New York State Dept. of Transportation Albany, NY | \$10,000,000 | 2013 | Yes |
| 38. Northern State Parkway and Long Island Expressway Interchange Improvements at NY 110, Town of Huntington, NY. Environmental Assessment, preliminary and final design, construction documents and construction support for the replacement and widening of the existing NSP Bridge over NY Route 110 and its interchange along with the widening of NY Route 110 from four to six lanes between the LIE and NSP. | New York State Dept. of Transportation Albany, NY | \$109,000,000 | 2014 | Yes |
| 39. NY 110 Safety Improvements, Towns of Babylon & Huntington, NY. GPI provided an upgraded pedestrian facilities that focused on pedestrian safety on NY 110 between NY 27A and Youngs Hill Road. The project included realignment of existing left turn lanes between Detroit Place and Lyons Street to improve sight distance; installation of new traffic signals and rebuild of existing signals; installation of new crosswalks at existing signalized intersections; reconstruction of intersections to provide additional opportunities to cross safely; installation of pedestrian refuge islands at locations where pedestrians could be stranded in the middle of the road; and installation of Rectangular Rapid Flash Beacons at crosswalks to enhance safety. | New York State Dept. of Transportation Albany, NY | \$174,776 fee | 2018 | Yes |
| 40. NY 25A Northport Drainage Review, Town of Huntington, NY. Project included rehabilitation of drainage system to eliminate the infiltration of pollution into the system. | New York State Dept. of Transportation Albany, NY | \$53,851 fee | 2015 | Yes |
| 41. NY 27 at CR 1 County Line Road Guide Rail, Suffolk County, NY. This project included the review and analysis of an existing guide rail system protecting an under-roadway culvert and the design of a replacement protection system. | New York State Dept. of Transportation Albany, NY | \$17,880 fee | 2016 | Yes |
| 42. Long Island Expressway Rest Area, Suffolk County, NY. Project included development of noise barrier layout plans required for a new rest area on the LIE in vicinity of Carl's Straight Path. | New York State Dept. of Transportation Albany, NY | \$10,000 fee | 2015 | Yes |
| 43. Ocean Parkway Pedestrian Underpass Replacement, Wantagh, NY. Final design and construction documents for the removal and replacement of a pedestrian underpass under Ocean Parkway. | New York State Dept. of Transportation Albany, NY | \$5,175,000 | 2013 | Yes |

Greenman-Pedersen, Inc.
List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|--|--|---------------------|------------------------|--|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 44. NY 27 Pedestrian Safety Improvements - Broadway to Wantagh Parkway, Hempstead and Oyster Bay, NY. This project provided upgraded pedestrian facilities that focused on pedestrian safety on NY 27 (Sunrise Highway) between Broadway and the Wantagh State Parkway (WSP). The work included construction of new traffic signals, crosswalks that had (where possible/applicable) pedestrian indications, Count Down (CD) Timers, latching pushbuttons, ADA compliant pedestrian ramps with detectable warnings and high-visibility pavement markings. | New York State Dept. of Transportation Albany, NY | \$2,700,000 | 2016 | Yes |
| 45. Roadway Resurfacing of NY 25A, Huntington and Smithtown, NY. Final design and construction documents for roadway resurfacing of NY 25A from Bread and Cheese Hollow Road to Sunken Meadow Parkway. | New York State Dept. of Transportation Albany, NY | \$3,000,000 | 2012 | Yes |
| 46. Smithtown-Port Jefferson; Before and After Parking Analysis Report, East Setauket, NY. GPI was retained by the NYSDOT Real Estate group to perform a before and after parking analysis report for a parcel located in East Setauket, NY. | New York State Dept. of Transportation Albany, NY | \$8,500 fee | 2011 | Yes |
| 47. Southern State Parkway Safety Locations, Towns of Babylon and Islip, NY. This project involved the investigation of two locations along the Southern State Parkway which were identified by NYSDOT as safety deficient locations. | New York State Dept. of Transportation Albany, NY | \$1,700,000 | 2014 | Yes |
| 48. Wellwood Avenue over Route 27 Design-Build Project, Lindenhurst, NY. Design-build for the replacement of a four-span aluminum bridge with a two-span prestressed concrete superstructure. | New York State Dept. of Transportation Albany, NY | \$20,000,000 | 2017 | Yes |
| 49. Steel Bridge Rehabilitation Final Design (Phases V-VI), Nassau and Suffolk Counties, NY. Project involved in-depth inspection of 16 multi-span steel stringer bridges located throughout Nassau and Suffolk Counties to determine their current condition in order to establish the required rehabilitation work to be performed at each structure. | New York State Dept. of Transportation Albany, NY | \$11,500,000 | 2013 | Yes |
| 50. Accelerated Bridge Program, Phase 1B, Design-Build Project, Nassau and Suffolk Counties, NY. This accelerated bridge program design-build project provided for the rehabilitation and repair of six bridges located in New York State Region 10 for the purpose of improving the overall condition rating of each deficient bridge. This was achieved by deck replacement and repair of various bridge components while maintaining, or providing a detour for, vehicular and pedestrian traffic. | New York State Dept. of Transportation Albany, NY | \$24,179,000 | 2014 | Yes |
| 51. Storm Water Investigation and Study of Drainage Improvements at the Lido Beach-Point Lookout Area, Town of Hempstead, NY. Engineering services and hydraulic analysis for the storm water investigation and study of drainage improvements at the Lido Beach-Point Lookout area, under the NYS Governor's Office of Storm Recovery (GOSR) Community Reconstruction Program. | Dormitory Authority - State of New York (DASNY) Rochester, NY | \$253,372 fee | 2018 | Yes |
| 52. Rehabilitation of Sagg Bridge on Bridge Lane, Sag Harbor, NY. In-depth bridge inspection and preparation of a memorandum to the Village describing inspection findings along with repair recommendations. Also involved preparation of repair plans for the bridge based upon inspection findings. Construction support services were also provided for this project. | Village of Sagaponack Sagaponack, NY | \$110,430 fee | 2017 | Yes |
| 53. Bridge Lane Bridge Railing Rehabilitation, Village of Sagaponack, NY. This project involved performing a study and preparing a report for a replacement bridge railing at the Bridge Lane Bridge in the Village of Sagaponack. The new bridge railing is in accordance with NYS and Federal guidelines and is aesthetically acceptable to the Village of Sagaponack and its residents. | Village of Sagaponack Sagaponack, NY | \$25,000 fee | 2014 | Yes |

Greenman-Pedersen, Inc.

List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|---|--|-----------------|-----------------|---|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 54. Backflow Prevention/Check Valves for Storm Drainage Systems, Oakdale/Sayville, NY. GPI assisted the Town of Islip in developing the application for funding submitted to the Governor's Office of Storm Recovery (GOSR) for improvements relating to Superstorm Sandy recovery project. GPI assisted with the engineering and design, bid preparation and construction observation, and supervision services for the installation of tidal check valves and other flood prevention measures on existing major drainage outfalls. | Town of Islip Islip, NY | \$240,000 | 2018 | Yes |
| 55. Kelly Quad Parking Lot, Stony Brook, NY. GPI provided engineering services for the expansion of the existing parking lot by approximately 110 parking spaces. The design included parking lot layout, pavement design, drainage design and lighting design. Due to the existing topography, retaining walls ranging between four and 12 ft were required. Project requirements also included detailed design, specifications and cost estimates. | State University of New York at Stony Brook Stony Brook, NY | \$77,000 fee | 2009 | Yes |
| 56. West Drive Roadway Improvements, Stony Brook, NY. Final design, construction documents, and construction support for reconstruction and reconfiguration of West Drive, Schomburg Drive, the Kelly Quad parking lot, and the intersection of West Drive and Circle Road. | State University of New York at Stony Brook Stony Brook, NY | \$2,000,000 | 2014 | Yes |
| 57. Site Plan and Structural Design of Stony Brook University Founder's Plaza, Stony Brook, NY. Site planning and engineering and structural design for this monument and plaza area at Stony Brook University. The plaza and monument features were constructed to recognize the original founders of the University and those providing on-going support. | Stony Brook Foundation Stony Brook, NY | \$500,000 | 2016 | Yes |
| 58. New Life Sciences Building, Selden, NY. Final design, construction documents, and construction support for a new, 68,500-sq-ft state-of-the-art science building. | Suffolk County Community College Selden, NY | \$28,500,000 | 2015 | Yes |
| 59. Structural Design Services for Inspection at the East Plant Building, Stony Brook, NY. Structural condition assessment and recommendations for remedial action for the deterioration of the concrete floor slab at their East Plant Building. | State University of New York at Stony Brook Stony Brook, NY | \$7,000 fee | 2012 | Yes |
| 60. Structural Design Services for Installation of Fluid Cooler on Rooftop of CMM Building, Stony Brook, NY. GPI performed design and preparation of contract documents for installation of a new Fluid Cooler on the rooftop of the CMM Building at Stony Brook University. | State University of New York at Stony Brook Stony Brook, NY | \$5,400 fee | 2012 | Yes |
| 61. Umbilic Torus Sculpture at the Simon Center, Stony Brook, NY. The project consisted of the design of the under-structure for a proposed sculpture, the Umbilic Cardioid sculpture for the Simon Center. GPI was responsible for designing water main, drainage, and lighting relocations necessitated as a result of the excavation that will be required to construct the sculpture substructure. | State University of New York at Stony Brook Stony Brook, NY | \$14,230 fee | 2010 | Yes |
| 62. Javits Building Exterior Stair Design Services, Stony Brook, NY. GPI assisted the architect with evaluating the site and utility impacts relating to exterior building renovations and the construction of an exterior stairway from the basement of an existing building to grade. GPI prepared the civil site plans and drainage and utility plan associated with the stair construction. | State University Construction Fund Albany, NY | \$11,540 fee | 2014 | Yes |

Greenman-Pedersen, Inc.

List of Relevant Bridge Projects

| SUMMARY OF RELEVANT ACCOMPLISHMENTS | | | | |
|---|---|---------------|-----------------|---|
| Project Name and Location | Owner Name and Address | Cost of Work | Completion Date | Project was completed on time and within budget |
| 63. Pedestrian Bridge Condition Inspection, Selden, NY. GPI performed a condition inspection of a pedestrian bridge located at the Suffolk County Community College Ammerman Campus, in Selden, NY, and prepared an assessment report detailing the findings and recommended repair procedures. | Suffolk County Community College Selden, NY | \$1,600 fee | 2009 | Yes |
| 64. Southampton Building Structural Analysis, Selden, NY. This project involved performing structural analysis for installation of new rooftop air conditioning units at the Southampton Building on the Ammerman Campus. | Suffolk County Community College Selden, NY | \$3,500 fee | 2013 | Yes |
| 65. Locust Valley High/Middle School Parking Improvements, Locust Valley, NY. Design studies to improve safety, circulation, and capacity for this senior high and middle school facility. Field survey was also conducted to provide an updated base map for future design projects. | Locust Valley Central School District Locust Valley, NY | \$2,500,000 | 2014 | Yes |
| 66. Rockaway Beach Park, Rockaway Beach, NY. This project involved the rejuvenation of NYC Rockaway Beach Park and included the creation of athletic fields, gardens with walkways, a snack bar, and rest room area. | New York City Dept. of Parks & Recreation New York, NY | \$35,100 fee | 2012 | Yes |
| 67. Design for the Rehabilitation of the Rockville Centre and Lynbrook Viaducts, Rockville Centre/Lynbrook, NY. This contract involves inspection and design of concrete repairs to the LIRR Lynbrook and Rockville Centre rail viaducts in order to return them to a state of good repair. The Lynbrook viaduct is 1,887 ft long with 26 expansion joints and carries both the Montauk and Long Beach branches of the LIRR. The Rockville Centre viaduct is 2,460 ft long with 20 expansion joints and carries the Montauk Branch. | MTA Long Island Rail Road Jamaica, NY | \$338,543 fee | Est. 2020 | Progressing on time/budget |
| 68. Design-Build Services for Ellison Avenue Bridge Replacement, Westbury, NY. This project involved replacement of a three-span steel bridge over the LIRR with a single-span structure. | MTA Long Island Rail Road Jamaica, NY | \$7,500,000 | 2016 | Yes |
| 69. Replacement/Rehabilitation of May's Pier, Fat Pier & The Seawall, Bronx, NY. GPI is providing engineering services to develop contract plans for the structural design for replacement/rehabilitation of May's Pier, Fat Pier and the seawall along the northern beachfront of Edgewater Park, between these two piers. | Edgewater Park Owner's Cooperative Bronx, NY | \$221,800 fee | Est: 2019 | Progressing on time/budget |
| 70. Design of Pier Extension at the Port Jefferson Ferry Terminal, Port Jefferson, NY. GPI developed concept plans for a 200-ft-long trestle structured pier extension for the ferry terminal. The existing wharf structure was approximately 300 ft long by 65 ft wide. This structure was used for loading and unloading passenger cars. The scope of work in this phase encompassed preliminary design for the extension of this bulkhead wharf. The extended structure consists of a pier on piles, also known as a trestle structure, to align with the adjacent town piers. This extension will help alleviate traffic congestion by moving the ferry operation further north. | Bridgeport & Port Jefferson Steamboat Port Jefferson, NY | \$14,000,000 | 2017 | Yes |
| 71. Engineering Assessment of Groins along the Sea Wall and Beach at Edgewater Park, Bronx, NY. This project involved developing a condition assessment report for the existing groin fields and sea wall that lines the perimeter of the development's waterfront. | Edgewater Park Owner's Cooperative Bronx, NY | \$250,000 | 2014 | Yes |
| 72. Shelter Island Heights Bluff Erosion Protection Wall, Shelter Island, NY. This project involved preparation of contract plans for the development of a 480-ft erosion protection wall required at the toe of a bluff which experienced failure during Superstorm Sandy. | Twomey, Latham, Shea & Kelley, Dubin & Quartararo, LLP Riverhead, NY | \$675,000 | 2015 | Yes |

Nassau County Business History Form

Question 3A:

Does the business own or rent its facilities? Own and Rent.

| Current Owned Locations | | | | |
|-------------------------|----------------------|--------------|----|-------|
| Location Name | Address | City | ST | Zip |
| Babylon, NY | 325 West Main Street | Babylon | NY | 11702 |
| Grand Rapids, MI | 4403 Donker Court SE | Grand Rapids | MI | 49512 |
| Fort Pierce, FL | 3306 Enterprise Road | Fort Pierce | FL | 34982 |

| Current Leased Locations | | | | | | |
|---------------------------------|---|---------------|----|-------|--|----------------|
| Location Name | Address | City | ST | Zip | Landlord | Landlord Phone |
| Huntsville, AL | 600 Boulevard South SW, Suite 104 | Huntsville | AL | 35802 | APEX Business Centers, Inc. (the Hub) | |
| Milford, DE | 113 Neurology Way | Milford | DE | 19963 | | |
| Chipley, FL | 1273 Office Park Drive | Chipley | FL | 32428 | Donald R. Harrell | (850) 693-0268 |
| Daytona Beach, FL | 1040 Pelican Bay Drive | Daytona Beach | FL | 32119 | Blair Realty Pelican Bay Professional Village Associates | 386-756-0203 |
| Doral, FL | 8935 NW 35 Lane, Suite 100 | Doral | FL | 33172 | JAKDAK Holding Enterprises, Inc. | |
| Jacksonville, FL - Adams St. | 1010 East Adams Street, Suite 140 | Jacksonville | FL | 32202 | Southmorr Partnership, Limited | 904-355-8311 |
| Jacksonville, FL - Chaffee Pt., | 514 Chaffee Point Boulevard, Unit 3 | Jacksonville | FL | 32221 | Chaffee Point Condo Association | 904-910-4201 |
| Maitland, FL | 1051 Winderley Place, Suite 400 | Maitland | FL | 32751 | MPM Holdings Inc. | |
| Orlando, FL | 3051 E. Livingston Street, Suite 300 | Orlando | FL | 32803 | Yesawich Holding, LLC | 407-875-1111 |
| Pensacola, FL | 2929 Langley Avenue, Suite 203 | Pensacola | FL | 32504 | Aero-Spaces, LLC | |
| Pensacola, FL | 4300 Bayou Boulevard, Suite 12 | Pensacola | FL | 32503 | JDNT Madison, LLC | |
| Starke, FL | 603 E. Call Street | Starke | FL | 32091 | American Dream of Northeast Florida, Inc. | |
| Tallahassee, FL | 1590 Village Square Boulevard | Tallahassee | FL | 32309 | Ant Hill, LLC | 850-668-3922 |
| Tampa, FL | 1112 E. Kennedy Boulevard | Tampa | FL | 33602 | Denholtz Associates | 732-956-3126 |
| Marietta, GA | 2121 Newmarket Parkway SE, Suite 151 | Marietta | GA | 30067 | SSP-P 2121, LLC | |
| Lawrenceburg, KY | 143 W. Woodford Street, Suite 3-A | Lawrenceburg | KY | 40342 | Forest Hill, Inc. | |
| Baton Rouge, LA | 8550 United Plaza Blvd., Ste. 702 | Baton Rouge | LA | 70809 | Executive Suite of Baton Rouge | 225-922-4411 |
| Southbridge, MA | 176 Main Street, Suite 420 | Southbridge | MA | 01550 | GDG Properties Southbridge, LLC | 978-985-8706 |
| Wilmington, MA | 181 Ballardvale Street, Suite 202 | Wilmington | MA | 01887 | G&I IX/GP4 181 Ballardvale LLC | 978-657-6144 |
| Columbia, MD | 11000 Broken Land Parkway, Suite 500 | Columbia | MD | 21044 | GP Strategies Corporation | |
| North East, MD | 15 Grandview Avenue, Suite 2 | North East | MD | 21901 | Galahad Marine Properties, Inc. | 732-233-7358 |
| Rockville, MD | 530 Gaither Road, Suite 100 | Rockville | MD | 20850 | FP Redland Technology Center, LP | 301-986-9200 |
| Olney, MD | 3423 Olney-Laytonsville Road, Suite 6 | Olney | MD | 20832 | BJT Holdings/HSS Holdings | |
| Portland, ME | 222 St. John Street, Suite 252 | Portland | ME | 04102 | MMC Realty Corp | 207-871-1290 |
| Charlotte, NC | 201 W 29th Street | Charlotte | NC | 28206 | LDSI Properties LLC | |
| Charlotte, NC | 508 West 5th Street, Suite 150 | Charlotte | NC | 28202 | Stoneridge Properties, LLC | 704-251-8402 |
| Kinston, NC | 1308 Highway 258 North | Kinston | NC | 28504 | LDSI-Kinston Properties, LLC | |
| Wilmington, NC | 3909 Wrightsville Avenue, Suite 200 | Wilmington | NC | 28403 | Robbie Hodges | 910-791-9245 |
| Bedford, NH South | 116 South River Road, Building B, Suite 1 | Bedford | NH | 03110 | The Diane M. Caban Revocable Trust | |
| Portsmouth, NH | 21 Daniel Street, Second Floor | Portsmouth | NH | 03801 | LCB Properties, LLC | 650-962-9700 |
| Salem, NH | 44 Stiles Road | Salem | NH | 03079 | Montross Realty, LLC | |
| Lebanon, NJ | 100 Corporate Drive, Suite 301 | Lebanon | NJ | 08833 | Hunterdon Executive Center | |
| Morris Plains, NJ | 301 Gibraltar Drive, Suite 2A | Morris Plains | NJ | 07950 | Pineview Homes | 973-984-2750 |
| Ocean View, NJ | 458 Woodbine-Oceanview Road | Oceanview | NJ | 08230 | Coach Ocean View, LLC | |
| Shrewsbury, NJ | 1040 Broad Street, Suite 303 | Shrewsbury | NJ | 07702 | BZK Holdings Broad | |
| Albany, NY | 80 Wolf Road, Suite 300 | Albany | NY | 12205 | Picotte Associates, LLC | 518-465-4747 |
| Brisbane (BUF) Office, NY | 403 Main Street, Suite 330 | Buffalo | NY | 14203 | Brisbane Realty Associates, LLC | |
| Buffalo, NY | 4950 Genesee Street, Suite 100 | Buffalo | NY | 14225 | Ciminelli Real Estate Corporation | 761-631-8000 |

Nassau County Business History Form

Question 3A:

Does the business own or rent its facilities? Own and Rent.

| Current Locations <i>(continued)</i> | | | | | | |
|--------------------------------------|--|---------------|----|-------|---|----------------|
| Location Name | Address | City | ST | Zip | Landlord | Landlord Phone |
| Jamestown, NY | 200 Harrison Street, Suite H-2 | Jamestown | NY | 14701 | 200 Harrison Street, LLC | 716-525-1399 |
| Kingston, NY | 15 Railroad Ave, Suite 301 | Kingston | NY | 12401 | 15 Railroad LLC | |
| Manhattan, NY | 21 West 38th Street, 6th Floor | New York | NY | 10018 | Brause Realty, Inc. | 212-697-5454 |
| Rochester, NY | 150 State Street Suite 100 | Rochester | NY | 14614 | ILF Properties, LLC | 585-546-4866 |
| Suffern, NY | 2 Executive Boulevard, Suite 202 | Suffern | NY | 10901 | Executive Associates North IV, LLC | |
| Dublin, OH | 5178 Blazer Parkway, Suite A | Dublin | OH | 43017 | DRJ Realty Holdings LLC | 614-599-5855 |
| Allentown, PA | 1320 Hausman Road, Ste. 204 | Allentown | PA | 18104 | Ridgeview Limited Partners | 610-398-4900 |
| Mechanicsburg, PA | 4900 Ritter Road, Suite 110 | Mechanicsburg | PA | 17055 | Ritter Road Investors, LLC | 717-730-4141 |
| North East, PA | 8 Gibson Street | North East | PA | 16428 | Park Associates | 814-725-8659 |
| Philadelphia, PA | 1500 Market St., 12th Fl, East Tower | Philadelphia | PA | 19102 | Regus Management Group, LLC | 609-906-8047 |
| Pittsburgh, PA | 3 Penn Center West, Suite 320 | Pittsburgh | PA | 15276 | Penn Center Management Corporation | |
| Scranton, PA | 52 Glenmaura National Blvd., Suite 302 | Scranton | PA | 18505 | Tier II Properties, L.P. | 570-283-6255 |
| Columbia, SC | 911 Lady Street, Suite C | Columbia | SC | 29201 | 911 Lady Street, LLC | |
| Greenville, SC | SC-126 Club Loop | Greenville | SC | 29605 | Donaldson Jet Center | |
| Locust Grove, VA | 4444 Germanna Highway, Suite 320 | Locust Grove | VA | 22508 | Wilderness Land & Property Corporation | 540-760-9001 |
| Springfield, VA | 8001 Braddock Road, Suite 200 | Springfield | VA | 22151 | Ravensworth Properties, LLC | |
| Sheboygan, WI | 2124 Kohler Memorial Drive, Suite 305 | Sheboygan | WI | 53081 | 2230 LLC | 920-453-9600 |
| Morgantown, WV | 2000 Hampton Center, Suite C | Morgantown | WV | 26505 | Covington Associates, LLC | |
| Scott Depot, WV | 58 Mission Way, Suite 201 | Scott Depot | WV | 25560 | Royale Blue Commercial Real Estate, LLC | |

| Locations No Longer in Use (past 5 years) | | | | | |
|---|--|----------------------|----|-------|---------|
| Location Name | Address | City | ST | Zip | Vacated |
| Westport, CT | 8 Wright Street, Suite 107 | Westport | CT | 06880 | 2021 |
| Elkins, WV | 316 Railroad Avenue, Suite 303 | Elkins | WV | 26241 | 2021 |
| Montebello, NY | 400 Rella Boulevard, Suite 207 | Montebello | NY | 10901 | 2021 |
| Morgantown, WV | 917 Canyon Road | Morgantown | WV | 26508 | 2021 |
| Ocala, FL | 328 Northeast 1st Avenue, Suite 200 | Ocala | FL | 34470 | 2021 |
| Rochester, NY | 400 Andrews Street, Suite 610 | Rochester | NY | 14604 | 2021 |
| Berea, OH | 601 West Bagley Road | Berea | OH | 44017 | 2020 |
| Red Bank, NJ | 54 Shrewsbury Avenue, Suite A | Red Bank | NJ | 07701 | 2020 |
| Bedford, NH | 15 Constitution Drive, 1st Floor | Bedford | NH | 03110 | 2019 |
| Daytona Beach, FL | One Daytona Blvd., Suite 220 | Daytona Beach | FL | 32114 | 2019 |
| Jeffersonville, IN | 100 West Court Avenue, Suite 201 | Jeffersonville | IN | 47130 | 2019 |
| Milford, DE | 200 N. Rehoboth Boulevard | Milford | DE | 19963 | 2019 |
| Newark, DE | 200 Continental Drive, Suite 401 | Newark | DE | 19713 | 2019 |
| Orlando, FL | 423 S. Keller Road, Suite 300 | Orlando | FL | 32810 | 2019 |
| Scranton, PA | 50 Glenmaura National Blvd., Suite 102 | Scranton | PA | 18505 | 2019 |
| Annapolis Junction, MD | 10977 Guilford Road | Annapolis Junction | MD | 20701 | 2018 |
| Brooksville, FL | 12435 Cortez Blvd., Suite 209 | Brooksville | FL | 34613 | 2018 |
| Cape May Court House, NJ | 106 North Route 9 | Cape May Court House | NJ | 08210 | 2018 |
| Plymouth, WI | 506 E. Mill Street, Suite 110 | Plymouth | WI | 53073 | 2018 |
| Rochester, NY | 20 Wildbriar Street, Suite E | Rochester | NY | 14623 | 2018 |
| Greensboro, NC | 7870 Thorndike Road | Greensboro | NC | 27409 | 2017 |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|--|--------------------|----------------------------|-----------------|---|
| 4th Avenue Safety Improvements, Phase A, Value Engineering Study | This project involved performing a value engineering study of a major arterial in the Borough of Brooklyn in New York City. This corridor experienced crashes and injuries involving pedestrians at a higher than average rate for similar facilities. The work for this project is to be constructed to discourage jaywalking and reduce the number of vehicular/pedestrian conflict points. | New York City Dept. of Transportation | 52,600,000.00 | | 11/1/2018 | Yes |
| ADA Compliance Block | The work in this project included inventorying, assessing, and studying existing accessible curb ramp locations. For existing curb ramps which were not in compliance with current ADA/PROWAG standards and locations where new ramps were required, design documents, including property acquisition maps, as necessary, were prepared to implement the modifications and address the non-compliance. | New York State Dept. of Transportation | 986,044.00 | fee | 6/24/2019 | Yes |
| ADA Ramp Locations | The work on this project included reconstructing existing accessible curb ramps which were not in compliance with current standards, and adding locations where new ramps were required. Design documents were prepared to implement the modifications and address the non-compliance. | New York State Dept. of Transportation | 4,300.00 | fee | 4/28/2016 | Yes |
| Asphalt Pavement Testing and Evaluation | Investigated the asphalt pavement resurfacing of four roadways during periods of unfavorable environmental conditions to determine the characteristics of the asphalt material placed and provided an opinion as to the expected service life of the asphalt riding surface of the roadways tested. | Town of Smithtown | 5,500.00 | fee | 6/1/2015 | Yes |
| Bethpage Bikeway Signal and Striping Updates | Revisions to the path system during construction based on comments from local municipality. | New York State Dept. of Transportation | 28,000.00 | fee | 11/11/2013 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| Building Demolition within the Academic Village | Project included topographic survey, civil design, structural engineering, and MEP inventory and design for demolition of buildings within the Academic Village. The project demolished three buildings while maintaining an adjacent building. GPI's work included preparing a site design to reestablish the grades and various walkways and pathways after building demolition. In addition, GPI provided for the structural and MEP design needed to separate the buildings to be demolished from the building to remain and provide utility service to other adjacent buildings. | State University of New York at Old Westbury | 5,000,000.00 | | 6/30/2015 | Yes |
| Bus Facility Fuel Pump Replacement | Project included the design, plan preparation, and cost estimating for the replacement of the existing gasoline and diesel fuel pumps located within the South P parking lot. | State University of New York at Stony Brook | 96,067.69 | fee | 6/30/2014 | Yes |
| Bus Wash Down and Recycling Unit | Project included the design, plan preparation and cost estimating for a new bus wash down and recycling unit located within the South P parking lot. | State University of New York at Stony Brook | 83,226.73 | fee | 6/30/2014 | Yes |
| Citigroup Parking Facility | The project included rehabilitation of a parking facility on a private site. | HOK | 60,250.00 | fee | 10/30/2018 | Yes |
| ConEdison Pier 98 | GPI developed a Work Zone Traffic Control Plan to allow the contractor to construct a new security fence along the perimeter of a ConEdison loading facility dock on the Hudson River. | D'Onofrio General Construction Corp | 12,000.00 | fee | 2/21/2013 | Yes |
| Constructability Review 9R Mini Task Order MT-011 | GPI is performing constructability reviews on prepared plans by other consultants. | Nassau County Dept. of Public Works | 30,682.60 | fee | 4/30/22 Est. | Progressing on time/budget |
| Constructability Review 9R Mini Task Order MT-03 | GPI performed constructability reviews on prepared plans by other consultants. | Nassau County Dept. of Public Works | 13,444.60 | fee | 11/30/2020 | Yes |
| Constructability Review 9R Mini Task Order MT-04 | GPI performed constructability reviews on prepared plans by other consultants. | Nassau County Dept. of Public Works | 7,992.40 | fee | 11/30/2020 | Yes |
| Constructability Review 9R Mini Task Order MT-05 | GPI performed constructability reviews on prepared plans by other consultants. | Nassau County Dept. of Public Works | 17,721.60 | fee | 11/30/2020 | Yes |
| Constructability Review 9R Mini Task Order MT-09 | GPI is performing constructability reviews on prepared plans by other consultants. | Nassau County Dept. of Public Works | 3,778.06 | fee | 4/30/22 Est. | Progressing on time/budget |
| Constructability Review 9R Mini-Task Order MT-02 | Plan review included priority roadway resurfacing at various locations for Phase 3 and Phase 4 projects in Nassau County. | Nassau County Dept. of Public Works | 25,178.40 | fee | 11/30/2020 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| County Wide Highway Inventory Study for American's with Disabilities Act (ADA) Compliance | This Federal-Aid contract involved conducting a study for the assessment and evaluation of ADA compliance along county roadways of pedestrian ramps, traffic signals, and sidewalks. As part of the project, GPI developed an ADA compliance module for the County's Drive GIS System. Drive is a modular web application that allows the county to view, analyze, and report on various geographic elements such as traffic crashes, citizen complaints, and permitting. | Suffolk County Dept. of Public Works | 742,128.21 | fee | 4/30/22 Est. | Progressing on time/budget |
| Deck Replacement of Bridges Carrying Staten Island Expressway (I-278) over Richmond Avenue | Preparation of design phases V-VI including civil, traffic, and environmental work related to deck replacement for parallel structures on Staten Island Expressway at Richmond Avenue. | New York State Dept. of Transportation | 23,000,000.00 | | 4/30/22 Est. | Progressing on time/budget |
| Earth, Space, and Science Plaza Reconstruction West Academic Mall | Topographic survey, preliminary design, final design, construction documents and construction support for site and drainage improvements at the Earth, Space, and Science Building and associated loading dock. | State University of New York at Stony Brook | 5,000,000.00 | | 10/7/2012 | Yes |
| Emergency Condition Assessments of Off-System Roadways | NYSDOT retained GPI to provide emergency condition assessment services for roadways which were not part of the New York State Roadway System, but were owned and maintained by local jurisdictions. | New York State Dept. of Transportation | 10,000.00 | fee | 2/1/2015 | Yes |
| Emergency Condition Assessments of On-System Roadways | NYSDOT retained GPI to provide emergency condition assessment services for roadways on the New York State Roadway System. | New York State Dept. of Transportation | 10,000.00 | fee | 2/1/2015 | Yes |
| Engineering Design Services Associated with Lamar Street Parking Lot Reconstruction for Educational Bus Transportation, Inc. | GPI was responsible for the complete development of grading and drainage plans and a SWPPP report. | Educational Bus Transportation, Inc. | 9,800.00 | fee | 6/2/2020 | Yes |
| Engineering Services in Conjunction with Improvements to CR 36, South Country Road | Project includes roadway, roadside, and traffic improvements along CR 36, South Country Road from the vicinity of Academy Lane to the vicinity of Railroad Avenue in the Town of Brookhaven. | Suffolk County Dept. of Public Works | 345,783.13 | fee | 4/1/2023 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|--|--------------------|----------------------------|-----------------|---|
| Feasibility Study for Sidewalks on CR 39 | This project involved the development of a feasibility study for pedestrian accessibility, safety, and mobility improvements, as well as the preparation of conceptual design alternatives and evaluation of right-of-way and drainage impacts per Suffolk County parameters along two miles of CR 39 in Southampton. The goal of this study was to incorporate PROWAG/ADA-compliant sidewalks, pedestrian ramps, curbs, pedestrian signals, and drainage where needed after installation of new curbs. | Suffolk County Dept. of Public Works | 61,979.00 | fee | 11/22/2019 | Yes |
| Federation of Jewish Philanthropies of New York, Inc. Builders Pavement Plan (BPP) | GPI was hired to prepare Builders Pavement Plans (BPP) to assist the client with obtaining NYCDOB signoff and ultimately obtain a temporary certificate of occupancy (TCO). | United Jewish Appeal – Federation of Jewish Philanthropies of New York | 3,000.00 | fee | 6/24/2020 | Yes |
| Garvies Point Public Bid Assistance | Project included assisting the developer in the public bidding of the Garvies Point Development project. | RXR Glen Isle Partners, LLC | 100,000,000.00 | | 12/31/2018 | Yes |
| Garvies Point Road Final Design | GPI provided technical support, agency liaison, and QA/QC review of materials associated with the final design plans, specifications, property acquisitions, and construction cost estimates for this locally administered federal aid project for Garvies Point Road. | City of Glen Cove | 67,000,000.00 | | 2/6/2015 | Yes |
| Guide Rail Installation, Northern State Parkway at Route 231 | The work included studying two locations along the Northern State Parkway at the interchange with NY 231 to determine the potential need for guide rail installations. | New York State Dept. of Transportation | 55,000.00 | | 10/15/2014 | Yes |
| Guide Rail Rehabilitation | This project involved the design of new guide rail to replace existing damaged and non-standard existing guiderail at two locations. | New York State Dept. of Transportation | 50,000.00 | fee | 8/4/2017 | Yes |
| Handicap Ramp Inventory | The work on this project included inventorying, assessing, and studying existing handicap ramp locations. For existing handicap ramps which were not in compliance with current standards and locations where new ramps were required, design documents were prepared to implement the modifications and address the non-compliance. Right-of-way survey was performed, and property acquisition maps were needed to accommodate the new and replacement ramps. | New York State Dept. of Transportation | 120,197.00 | fee | 6/1/2015 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Harbor Boulevard/Tiana Street Area - Narraganset Avenue Road Raise | This project involved the mitigation of tidal flooding occurring on a Town roadway in a low-lying area adjacent to canals connected to Long Island's Great South Bay. GPI provided analysis and design of roadway profiles to raise the roadway to mitigate the frequency of roadway tidal flooding occurrences. GPI developed off-road grading on private property and adjacent to residential homes, in consideration of the construction impacts onto private property. GPI provided construction bid documents for the competitive bidding of this project by the Town. The project was bid, awarded and has been constructed. GPI performed detailed daily construction inspection and support services during the construction phase of the project. | Town of Hempstead | 1,400,000.00 | | 12/23/2016 | Yes |
| Harsh Winter Paving Project, Multiple Roads | This project involved the preparation of contract documents required to make needed repairs to various NYSDOT asphalt and composite pavement roads throughout Nassau and Suffolk Counties affected by the harsh winter of 2014-2015. Many roadway surfaces were negatively impacted by the extreme cold temperatures and snowfall accumulations. | New York State Dept. of Transportation | 51,000,000.00 | | 3/18/2016 | Yes |
| Highway Design, Safety Improvements for Region 10 | Prepare design phases I-IV including a design report and environmental assessment. This project will improve safety at four intersections in Suffolk County. | New York State Dept. of Transportation | 5,300,000.00 | | 4/30/2022 Est. | Progressing on time/budget |
| I-495 Police Enforcement Areas, Multiple Locations | Project included field investigation, final site design, coordination with respective agencies, construction cost estimating, and plan production. | New York State Dept. of Transportation | 650,000.00 | | 7/2/2013 | Yes |
| Interim Drainage Improvement, NY 347 and Helen Avenue | This project was progressed to address a complaint from an adjacent property owner regarding highway runoff entering private property. | New York State Dept. of Transportation | 30,000.00 | | 9/20/2013 | Yes |
| IPC East Side Coastal Resiliency from Montgomery Street to East 15th Street | GPI is responsible for preparing a conceptual plan demonstrating construction vehicle ingress and egress locations along the FDR Drive. | New York City Dept. of Design and Construction | 2,000,000,000.00 | | 4/30/22 Est. | Progressing on time/budget |
| Kings County Hospital Center Steam Tunnel Replacement | GPI is responsible for the Work Zone Traffic Control (WZTC) design and plans associated with the steam tunnel replacement at Kings County Hospital Center in Brooklyn, NY. | New York City Health + Hospitals Corporation | 79,524.00 | fee | 4/30/22 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|--|--------------------|----------------------------|-----------------|---|
| Laurel Hill Site | GPI provided oversight and review of a street system in Maspeth Queens, for private client/owner. | Conestoga Rovers and Associates, Inc. | 10,000.00 | fee | 5/1/2014 | Yes |
| Lido Beach/Point Lookout Drainage Improvement | This project involves design of storm water improvements, including the installation of check valves to mitigate tidal flooding; the removal and replacement of curb inlets with in-line frame and grates and curb boxes to increase inlet capacity on Lido Boulevard; and miscellaneous restoration of pavement and sidewalks on Town of Hempstead and Nassau County roadways, associated with drainage improvements. This project is being funded by the U.S. Department of Housing and Urban Development (HUD), Community Block Grant Disaster Recovery (CSBG-DR) Funds, with Nassau County as sub-recipient of the funds, under the oversight of the Governor's Office of Storm Recovery (GOSR). | Nassau County Dept. of Public Works | 1,300,000.00 | | 12/31/2022 Est. | Progressing on time/budget |
| Long Island Expressway Rest Area | Project included development of noise barrier layout plans required for a new rest area on the LIE in vicinity of Carl's Straight Path. | New York State Dept. of Transportation | 10,000.00 | fee | 9/16/2015 | Yes |
| Mainline Widening for Shoulder Restoration, Garden State Parkway MP 83.5 to 86.0 | Final design and construction documents for the reconstruction and widening of the Garden State Parkway from MP 83.5 to MP 86.0. | New Jersey Turnpike Authority | 113,000.00 | fee | 6/1/2012 | Yes |
| Mainline Widening for Shoulder Restoration, Garden State Parkway MP 86.0 to 88.5 | Final design and construction documents for the reconstruction and widening of the Garden State Parkway from MP 86.0 to MP 88.5. | New Jersey Turnpike Authority | 111,000.00 | fee | 6/1/2012 | Yes |
| Margaret Avenue Pavement Evaluation | Pavement Evaluation and Treatment Selection Report for a section of pavement distress along the recently repaved Margaret Avenue in the vicinity of Ellen Drive. | Town of Smithtown | 1,500.00 | fee | 5/21/2014 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Mill and Fill, I-495 NYC Line to Exit 37 (Willis Avenue), Assignment #2 | The proposed work included a 2-in. pavement milling of the existing asphalt riding surface, some isolated full-depth composite pavement or full-depth asphalt repairs, new top course asphalt resurfacing and new pavement markings. The asphalt resurfacing was a 2-in. overlay hot mix asphalt. Drainage work was limited to frame and grate adjustments for frames that were broken, or grates that were low prior to resurfacing, as necessary. This mill and fill project did not change the profile grades so drainage flows and grate elevations should were not affected. The centerline length of the project was 4.3 miles or 42.9 lane miles, with an additional four miles of ramps. | New York State Dept. of Transportation | 10,000,000.00 | | 12/31/2013 | Yes |
| Miscellaneous Safety Improvements | Traffic safety study of improvements at the intersection of NY 106/Brookville Road, the intersection of NY 231/Old Country Road, and along NY 25A near Cold Spring Harbor Laboratory. | New York State Dept. of Transportation | 7,850.00 | fee | 12/31/2012 | Yes |
| Multi-Road Mill and Fill Project | This project included milling and filling six locations in three separate construction contracts. All project schedules were accelerated to get the construction accomplished prior to the winter season. | New York State Dept. of Transportation | 45,000,000.00 | | 11/13/2014 | Yes |
| Narraganset Avenue Road Raise CI/CSS | GPI designed the "road raise" project for the Town to mitigate tidal flooding by raising the elevation of the roadway and replacing older poorly functioning tidal check valves. GPI also performed detailed daily construction inspection and support services during the construction phase of the project. | Town of Hempstead | 979,000.00 | | 12/31/2016 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| North Entrance and John S. Toll Drive Reconstruction | The final design of this project incorporated the recommendations of the schematic design report prepared by GPI and its design team, and advance the preferred alternatives for North Entrance Road and John S. Toll Drive into the design development and construction documents. The project improvements were undertaken to enhance pedestrian and driver safety, as well as provide needed road rehabilitation to aging sections of the campus infrastructure. GPI and the design team also provided construction administration services for the project during the Bidding and Construction Phase. | State University of New York at Stony Brook | 8,845,000.00 | | 6/1/2012 | Yes |
| North Entrance Road Improvements | Final design of profile modifications to North Entrance Road, the northerly entrance to Stony Brook University. Work elements included the horizontal realignment of Circle Road, the rehabilitation of both roads, operational changes at their intersection, and drainage improvements. Project also included preparation of contract documents including final plans, specifications, and estimates. Construction support services were provided during the construction phase of the project. | State University of New York at Stony Brook | 100,000.00 | fee | 12/31/2014 | Yes |
| North Infirmary Command (NIC) State of Good Repair Site | This project involves the complete development of the site plan package for the Rikers Island North Infirmary Command (NIC) modular building site in the Bronx. | New York City Department of Corrections | 63,430.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Northern State Parkway and Long Island Expressway Interchange Improvements at NY 110 | Environmental Assessment, preliminary and final design, construction documents and construction support for the replacement and widening of the existing NSP Bridge over NY Route 110 and its interchange along with the widening of NY Route 110 from four to six lanes between the LIE and NSP. | New York State Dept. of Transportation | 109,000,000.00 | | 3/31/2014 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| NY 110 Safety Improvements | This project proposed to provide upgraded pedestrian facilities that focused on pedestrian safety on NY 110 between NY 27A (Town of Babylon) and Youngs Hill Road (Town of Huntington). The project included realignment of existing left turn lanes between Detroit Place and Lyons Street to improve sight distance; installation of new traffic signals and rebuild of existing signals; installation of new crosswalks at existing signalized intersections; reconstruction of intersections to provide additional opportunities to cross safely; installation of pedestrian refuge islands at locations where pedestrians could be stranded in the middle of the road; and installation of Rectangular Rapid Flash Beacons at crosswalks to enhance safety. | | 226,276.00 | fee | 3/8/2018 | Yes |
| NY 112 from Long Island Expressway to Granny Road, Design Phases I-IV | This project involved phase I-IV study and environmental assessment for widening of NY 112 from the LIE to Granny Road. Work performed included traffic data collection and analyses, environmental studies, topographic survey and mapping, right-of-way mapping and acquisition, minor roadway widening to accommodate turning and other auxiliary lanes, bicycle lanes, and curbs and sidewalks. | New York State Dept. of Transportation | 50,000,000.00 | | 5/19/2018 | Yes |
| NY 231 & Northern State Parkway Interchange Investigation | Project included investigation into various improvements to the NY 231 and Northern State Parkway Interchange and an adjacent signalized intersection that were considered unsafe due to crash history. | New York State Dept. of Transportation | 145,744.00 | fee | 2/24/2017 | Yes |
| NY 25A Northport Drainage Review | Project included rehabilitation of drainage system to eliminate the infiltration of pollution into the system. | New York State Dept. of Transportation | 53,850.62 | fee | 6/30/2015 | Yes |
| NY 27 at CR 1 County Line Road Guide Rail | This project included the review and analysis of an existing guide rail system protecting an under-roadway culvert and the design of a replacement protection system. | New York State Dept. of Transportation | 17,880.46 | fee | 4/13/2016 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| NY 27 Pedestrian Safety Improvements - Broadway to Wantagh Parkway | This project provided upgraded pedestrian facilities that focused on pedestrian safety on NY 27 (Sunrise Highway) between Broadway and the Wantagh State Parkway (WSP). The work included construction of new traffic signals, crosswalks that had (where possible/applicable) pedestrian indications, Count Down (CD) Timers, latching pushbuttons, ADA compliant pedestrian ramps with detectable warnings and high-visibility pavement markings. | New York State Dept. of Transportation | 2,700,000.00 | | 12/31/2016 | Yes |
| NY 27 Pedestrian Safety Improvements, Phase II | GPI prepared sidewalk and guide rail designs to improve pedestrian safety along NY 27, Sunrise Highway between NY 110, and NY 109. | New York State Dept. of Transportation | 3,000,000.00 | | 9/14/2016 | Yes |
| NYCDDC Task Order TO01A Preliminary and Final Design Services for 79th Street Crosstown SBS (M79 SBS) BRT Treatments and Pedestrian Safety Improvements | This project involves preliminary and final design services for the 79th Street Crosstown Select Bus Service (M79), including Bus Rapid Transit treatments and pedestrian safety improvements. | New York City Dept. of Design and Construction | 465,223.00 | fee | 9/30/2022 Est. | Progressing on time/budget |
| NYCDOC ESU and Sanitation Modular Building Sites | This project involves the complete development of the site plan package for the ESU and sanitation modular facilities in the Bronx. | New York City Department of Corrections | 44,000.00 | fee | 4/30/22 Est. | Progressing on time/budget |
| NYSDOT PIN 0902.ML.201 LIRR Expansion Project Engineering Contract D-2 | This project involved the evaluation of impacts due to fee takings and easements on three properties acquired for highway purposes. | New York State Dept. of Transportation | 33,000.00 | fee | 7/2/2019 | Yes |
| Ocean Parkway Emergency Work Zone | Provided emergency work zone traffic control drawings for the Ocean Parkway to facilitate repair of the eastbound pavement damaged during Superstorm Sandy. The emergency traffic operations included maintaining both directions of travel on the westbound section of pavement. | New York State Dept. of Transportation | 10,000.00 | fee | 11/28/2012 | Yes |
| Ocean Parkway Pedestrian Underpass Replacement | Final design and construction documents for the removal and replacement of a pedestrian underpass under Ocean Parkway. | New York State Dept. of Transportation | 5,175,000.00 | | 5/15/2013 | Yes |
| On-Site Technical Support Services | GPI provided various on-site engineers to support the county on various traffic engineering projects and assignments throughout the county. | Nassau County Dept. of Public Works | 160,771.30 | fee | 7/11/2016 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Orient State Park Road Reconstruction | This project required engineering services to assess damage to the entrance road to Orient Point State Park from Superstorm Sandy and design the emergency repairs to get to roadway reopened to traffic. Damage assessment included field survey and investigation, documentation, and completion of the necessary forms such that federal funds for reimbursement for the work could be procured. | New York State Dept. of Transportation | 2,000,000.00 | | 5/15/2013 | Yes |
| Pedestrian Traffic Signal | This project involved the installation of a new pedestrian traffic signal along NY 24 at the Nassau University Medical Center (NUMC) and the installation of four police enforcement areas along I-495 in Nassau County. | New York State Dept. of Transportation | 29,807.00 | fee | 10/3/2012 | Yes |
| Preventative Maintenance: Drainage / Clean / Repair / Replace | This project involves preliminary and final design of drainage improvements within multiple locations along NY 454. | New York State Dept. of Transportation | 1,404,000.00 | | 6/2/2022 Est. | Progressing on time/budget |
| Priority Surface Treatment Contract, Assignment 1 | This project involved planning, design, engineering, and data collection associated with priority surface treatments at various locations. | New York State Dept. of Transportation | 10,000,000.00 | | 4/9/2020 | Yes |
| PS868 Project Management Consulting Services for the Long Island Rail Road Mainline Expansion | GPI was hired by the construction manager, Arup/Jacobs JV, of the LIRR 3rd Track project to assist Nassau County in the review of proposed improvements falling under the County's jurisdiction. This includes review of the roadway, drainage, retaining walls, traffic signals, and Work Zone Traffic Control plans for the proposed grade separations. In addition, GPI is assisting the County in evaluating all proposed Work Zone Traffic Control and traffic signal operations for the entire corridor. | MTA Capital Construction Company | 1,500,000,000.00 | | 4/30/22 Est. | Progressing on time/budget |
| Reconstruction of Herb Hill Road and Garvies Point Road | GPI provided technical support, agency liaison, and QA/QC review of materials associated with the Design Approval Document (DAD) recently submitted to NYSDOT for Garvies Point Road. | City of Glen Cove | 12,000,000.00 | | 6/30/2015 | Yes |
| Reconstruction of NY 347 from NY 454 to Hallock Road | Final design, construction documents, and construction support for the reconstruction and widening of NY 347 from four to six lanes between Brookside Drive and Hallock Road. During the project, NYSDOT chose to deliver specific segments of the overall project limits using Design-Build. For these segments, GPI developed the 30% plans. | New York State Dept. of Transportation | 182,000,000.00 | | 6/30/2024 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| Regional Design Services Agreement (RDSA) Preventative Maintenance: Drainage Clean/Repair/Replace | This project involves preliminary and final design of modifications to an existing recharge basin and remote access to an existing pump for a recharge basin. | New York State Dept. of Transportation | 134,562.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Rehabilitation of CR 39 (Bloomer Road) | This project involved the rehabilitation of 1.5 miles of CR 39 (Bloomer Road) to correct existing pavement and drainage deficiencies. Additionally, all existing guiderail along the project limits was evaluated and replaced to conforming standards. The work included preparing a complete set of contract documents ready for bid, including but not limited to specifications, estimates, special notes and specifications, bid forms, electronic deliverables and full-size reproducible plans. | Westchester County Dept. of Public Works | 1,620,000.00 | | 10/31/2018 | Yes |
| Resurfacing CR 80, Montauk Highway | This Federal-Aid project involved field review, asset management, assessment of pedestrian curb ramps and sidewalk for ADA/PROWAG compliance, and final design associated with the pavement resurfacing along CR 80, Montauk Highway from the vicinity of CR 101, Sills Road, to NYS Route 24. | Suffolk County Dept. of Public Works | 761,357.50 | fee | 10/14/2016 | Yes |
| Resurfacing of Various Nassau County Roads, Mission 7 | Resurfacing of 10.2 centerline lane miles of various existing asphalt and composite roadways throughout Nassau County. The goal was to rehabilitate and improve the riding surface quality of the roadways and to extend their service life. | Nassau County Dept. of Public Works | 157,500.00 | fee | 6/26/2015 | Yes |
| Rikers Island Modular Building Sites | GPI is responsible for the complete development of the site plan packages for multiple modular building site locations throughout Rikers Island. | New York City Department of Corrections | 101,114.20 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Rikers K9 Investigation Division & K9 Training Site Modular Building Locations | This project involves the complete development of the site plan package for the Rikers Island K9 Investigation Division and K9 Training Site modular building locations. | New York City Department of Corrections | 35,000.00 | fee | 6/30/2022 Est. | Progressing on time/budget |
| Roadway and Plaza Reconstruction John S. Toll Drive | project cancelled Final design, construction documents, and construction support for the replacement of John S. Toll Drive with a pedestrian plaza in vicinity of the Student Union and the Melville Library. Also included rehabilitation of John S. Toll Drive outside the limits of the new pedestrian plaza. | State University of New York at Stony Brook | 300,475.50 | fee | 1/31/2013 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| Roadway Reconstruction in the Bryant Drive-Harvard Lane Area | Topographic survey, final design, construction documents, and construction inspection for the reconstruction of eight residential roadways located in Seaford, NY. | Town of Hempstead | 1,600,000.00 | | 8/30/2013 | Yes |
| Roadway Reconstruction North Entrance Road | Final design, construction documents, and construction support for the horizontal and vertical realignment of North Entrance Road and Circle Road and the rehabilitation of Circle Road. | State University of New York at Stony Brook | 2,822,000.00 | construction | 6/1/2012 | Yes |
| Roadway Resurfacing of NY 25A | Final design and construction documents for the roadway resurfacing of NY 25A from Bread and Cheese Hollow Road to Sunken Meadow Parkway. | New York State Dept. of Transportation | 3,000,000.00 | | 12/31/2012 | Yes |
| Rodman's Neck Site Plan | This project involves the complete development of the site plan package for the New York City Dept. of Correction Rodman's Neck modular building site in the Bronx. | New York City Department of Corrections | 35,500.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Southampton Hospital Preliminary Roadway Engineering | GPI is responsible for conducting topographical survey and providing a review of critical design elements of the conceptual plans. | Southampton Hospital Association | 148,665.00 | fee | 4/13/2022 Est. | Progressing on time/budget |
| Southern State Parkway Safety Improvements, Queens-Nassau Line to Nassau-Suffolk Line | This project was progressed to address existing safety deficiencies identified along the Southern State Parkway from the Queens County/Nassau County line to NY 110. Upgraded warning signs, delineators, and pavement markings were included as part of this work. | New York State Dept. of Transportation | 1,800,000.00 | | 4/30/2015 | Yes |
| Southern State Parkway Safety Locations | This project involved the investigation of two locations along the Southern State Parkway which were identified by NYSDOT as safety deficient locations. | New York State Dept. of Transportation | 1,700,000.00 | | 2/1/2014 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| Stony Brook University Hospital Civil Engineering Services Design Backdrop Agreement – Assignment No. 1 - Loading Dock Roadway | This project involved performing a general condition assessment of the infrastructure in and around the “loading dock roadway,” which serviced the Stony Brook Medical Center Health Science Center loading dock. Additionally, GPI evaluated the feasibility of utilizing the loading dock roadway to carry tractor trailer traffic through and below the “under structure” ceiling (plaza above) of the loading dock area, to the newly-constructed Bed Tower and Medical and Research Translation (MART) building loading dock. GPI prepared a technical report of findings including conceptual improvement plans and order of magnitude construction cost estimates for recommended improvements for planning and funding purposes. | Stony Brook University Medical Center | 97,402.50 | fee | 9/18/2019 | Yes |
| Storm Water Investigation and Study of Drainage Improvements at the Lido Beach-Point Lookout Area | Engineering services and hydraulic analysis for the storm water investigation and study of drainage improvements at the Lido Beach-Point Lookout area, under the NYS Governor’s Office of Storm Recovery (GOSR) Community Reconstruction Program. | Dormitory Authority - State of New York (DASNY) | 253,372.13 | fee | 3/23/2018 | Yes |
| Sunrise Highway (NY27) Mill and Fill Project from Queens/Nassau Line to Broadway | GPI conducted and performed pavement inspection along the entire project corridor and recorded observed pavement deficiencies. | New York State Dept. of Transportation | 8,800,000.00 | | 12/22/2014 | Yes |
| Survey and Mapping of Drainage, Sanitary, Domestic Water Systems at Rikers Island | GPI is providing utility mapping for Rikers Island using record plans and field reconnaissance. | New York City Department of Corrections | 192,166.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Task Order No.29-2019 Additional Designs of Various Roads for 2020 Requirements Resurfacing | GPI prepared bid plans for the rehabilitation of various roadways in Nassau County. Tasks included providing roadway condition assessment and evaluation, ADA assessment and report, drainage review, coordination with adjacent agencies and towns, utility locating, testing, engineering design, traffic loops, AutoCAD drafting, maintenance and protection of traffic plans, scheduling, design review and preliminary and final design and preparation of construction bid documents for the roadway repairs and improvements. Roadways included Gardiners Avenue, Old Jerusalem Avenue, Washington Avenue and Plainview Road in Levittown, Plainview and Woodbury. | Nassau County Dept. of Public Works | 46,355.00 | fee | 10/23/2020 | Yes |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| Team Robles Modular Building Site Plan | GPI is responsible for the complete development of the site plan package for the Teams Robles Building site in the Bronx. | New York City Department of Corrections | 44,000.00 | fee | 4/30/22 Est. | Progressing on time/budget |
| Total Design and Construction Support Services for the Rehabilitation of BQE (I-278) from Sands Street to Atlantic Avenue | Rehabilitation and/or replacement of approximately 1.5 miles of the Brooklyn-Queens Expressway/I-278 in the Borough of Brooklyn, NY, with a significant portion of its length supported by 21 bridges, including a unique 0.4-mile-long triple-cantilever structure. | New York City Dept. of Transportation | 4,000,000.00 | | 1/10/2018 | Yes |
| Transportation Modular Building Site | This project involves the complete development of the site plan package for the NYC DOC Rikers Island Transportation Division modular building site in the Bronx. | New York City Department of Corrections | 45,000.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Tunnels, Bridges & Terminal (TB&T) - George Washington Bridge (GWB) Rehabilitation of the Trans-Manhattan Expressway (TME) Overpasses Phase 1, Stage II 75% | This project involved performing a value engineering study for the rehabilitation of six bridges carrying local roadways over the Trans-Manhattan Expressway (TME). The existing structures exhibited significant forms of deterioration which had to be addressed in order to bring them back to a state of good repair. | Port Authority of New York & New Jersey | 17,820.00 | fee | 12/20/2019 | Yes |
| Value Engineering Study: Wyckoff Avenue Reconstruction and Safety Improvements | This project involved performing a value engineering study of a major arterial in the Boroughs of Brooklyn and Queens in New York City. This corridor had experienced crashes and injuries involving pedestrians at a higher-than-average rate for similar facilities. The work for this project was constructed to discourage jaywalking and reduce the number of vehicular/pedestrian conflict points, while improving the infrastructure to a state of good repair. | New York City Dept. of Transportation | 51,900,000.00 | | 5/3/2019 | Yes |
| Village of Lindenhurst Final Design of the School Street Parking Lot Reconstruction | GPI is preparing final design construction plans for the reconstruction of the School Street parking lot. | Village of Lindenhurst | 7,000.00 | fee | 4/30/22 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Roadway Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Village of Lindenhurst Pedestrian Safety Improvements at Three Locations | GPI is preparing preliminary and final design to incorporate pedestrian safety improvements to three locations within the Village of Lindenhurst. The improvements include bulbs outs, crosswalks, pedestrian curb ramps, sidewalk, curb radius modification, landscaping, and traffic signal work to improve the walkability of the Village's downtown area. The three locations include the intersection of Hoffman Avenue at CR 3 - Wellwood Avenue, and the Lindenhurst Fire Department and Our Lady of Perpetual Help church along Wellwood Avenue. The improvements are based on the 2019 Village of Lindenhurst Downtown Walkability Study previously prepared by GPI. | Village of Lindenhurst | 33,314.00 | fee | 4/1/2022 Est. | Progressing on time/budget |
| Wantagh State Parkway Detour Plans | This project included developing detour plans for multiple locations on the Wantagh State Parkway for pavement rehabilitation work. | New York State Dept. of Transportation | 7,500.00 | fee | 2/28/2016 | Yes |
| West Drive Roadway Improvements | Final design, construction documents, and construction support for reconstruction and reconfiguration of West Drive, Schomburg Drive, the Kelly Quad parking lot, and the intersection of West Drive and Circle Road. | State University of New York at Stony Brook | 2,000,000.00 | | 12/31/2014 | Yes |
| Westchester Bedford-Banksville Road Rehabilitation | Project included the design and plan preparation for the milling and filling of Bedford - Banksville Road between Millbrook Road and Route 22 in the Town of Bedford and the rehabilitation of the bridge over the Mianus River. | Westchester County Dept. of Public Works | 580,000.00 | | 5/1/2012 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| 165th Street Bus Terminal | GPI was tasked with performing a reconnaissance of the 165th Street Bus Terminal in Jamaica, Queens, for the Greater Jamaica Development Corporation. The objective was to identify opportunities to improve the operations and safety, especially involving bus-pedestrian accidents. The project included addressing the concerns of the main borough library, which is located directly opposite this surface bus terminal used by three different bus subsidiaries of the MTA. Recommendations of possible improvements were part of GPI's assignment. | Greater Jamaica Development Corporation | 5,000.00 | fee | 6/17/2010 | Yes |
| 193 Bike Feasibility Study (Task 4) | This assignment involves proving an evaluation of bike accommodations along MD-193 (Enterprise Road) from MD-202 to Good Luck Road. | Maryland Department of Transportation | 37,562.35 | fee | 4/1/2022 Est. | Progressing on time/budget |
| 1999 Port Authority Call-In | Assignments for this two-year on-call contract range from traffic impact analyses and planning studies to MPT plans at various Authority facilities. | Port Authority of New York & New Jersey | 789,400.00 | fee | 1/3/2002 | Yes |
| 2000 Traffic Call-In for the Port Authority of New York & New Jersey | Provided technical traffic support services on miscellaneous JFK and LaGuardia Airport projects. | Port Authority of New York & New Jersey | 1,668,311.00 | fee | 4/26/2002 | Yes |
| 2005 Traffic Engineering Services Call-In Contract | On-call contract to provide technical traffic support services on miscellaneous Port Authority projects. | Port Authority of New York & New Jersey | 2,052,003.00 | fee | 12/31/2007 | Yes |
| 2020 U.S. Open Winged Foot Engineering Support | This project involved providing traffic engineering and traffic operations services to the United States Golf Association in support of the tournament. | United States Golf Association (USGA) | 43,000.00 | fee | 9/20/2020 | Yes |
| Access Modification Report for the Meadows at Yaphank | Preparation of an updated and revised Access Modification Report for a multi-use development and design of construction plans for ramp modifications. | Rose-Breslin Associates LLC | 905,284.00 | fee | 12/31/2020 | Yes |
| Additional Services for TSP After Studies (Multiple Corridors) | This project involves examining and evaluating all aspects of New York City's Transit Signal Priority system to ensure that all system components and settings are functioning properly. This includes traffic controller operations, signal timing settings, TMC, and MTA operations. Troubleshooting is provided as needed along with specific recommendations to correct any issues identified. | New York City Dept. of Transportation | 169,336.76 | fee | 6/30/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Alexander Hamilton Bridge Technical Support | The Port Authority deemed it necessary to have a liaison acting on their behalf to ensure the construction activities undertaken by the NYSDOT Alexander Hamilton Bridge contract resulted in minimal service disruptions to the traveling public, requiring close coordination with the GWB management, construction coordinator, and assigned NYSDOT representatives. Also included both on-site and off-site technical support services for both capital contracts and various work orders at TB&T facilities. | Port Authority of New York & New Jersey | 86,600.00 | fee | 8/1/2010 | Yes |
| Architect-Engineer (A/E) Services for Water Infiltration Remediation at the Alexander Hamilton U.S. Custom House | The General Services Administration has contracted the SuperStructures team, which GPI is part of, to perform alterations to the Alexander Hamilton U.S. Custom House. The site has had water infiltration issues in the basement of the structure. GPI will be assisting with traffic and pedestrian control around the work being performed. | GSA Northeast & Caribbean Region | 92,866.10 | fee | 6/30/2025 Est. | Progressing on time/budget |
| Assignment 4: Real Time Passenger Information Advanced Programming Interface | The City had real time passenger information (RTPI) signs positioned at bus stops throughout the city that provided the user with route information. The purpose of this contract was to extend the functionality of these signs by enhancing the advanced programming interface (API) created by Fältcom for an earlier phase of this work. | New York City Dept. of Transportation | 50,439.40 | fee | 7/12/2018 | Yes |
| Assignment of Traffic Engineer | This project involved on-site traffic engineering to assist Nassau County with their traffic engineering work efforts. | Nassau County Dept. of Public Works | 151,008.00 | fee | 10/10/2019 | Yes |
| Austin Boulevard Corridor Design and Construction Support Services | Design and development of PS&E plans to construct and upgrade signalized intersections, overhaul outdated equipment, install new fiber optic communication interconnect, install five new CCTV locations for surveillance coverage and install Variable Message Signs (VMS) on the Austin Boulevard / Long Beach Road corridor for improved safety and efficiency on the roadway. GPI is currently providing construction support services for this project. | NV5 | 206,950.59 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Beacons for Speed Zones | GPI was retained by Nassau County to provide contract drawings to install flashing beacon assemblies and upgrade signs in support of speed limit cameras proposed for 50 school zones. | Nassau County Dept. of Public Works | 99,800.00 | fee | 12/24/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|---|--|--------------------|----------------------------|-----------------|---|
| Belarus: Supporting Green Urban Development in Small and Medium-Sized Cities | GPI provided sustainable transport and urban mobility consulting services to support the United Nations Development Programme (UNDP) in the development of Sustainable Urban Mobility Plans (SUMP) in small and medium-sized cities in Belarus. | United Nations Development Programme | 19,750.00 | fee | 1/1/2018 | Yes |
| Bellerose Avenue Traffic Calming | GPI prepared design drawings for the implementation of traffic calming improvements along the corridor of Bellerose Avenue adjacent to Veteran's Park within the Hamlet of East Northport. | Town of Huntington | 13,600.00 | fee | 4/1/2009 | Yes |
| Belmont Throop Street Traffic Signals | This project involved signal design and rebuilding Belmont Avenue at Throop Street and Nicolls Road at Carl's Path. | Town of Babylon | 12,800.00 | fee | 2/7/2012 | Yes |
| Bridge Deck Reconstruction Eastbound & Seismic Retrofit, Newark Bay - Hudson County Extension, T100.321 | Extensive Paramics and Aimsun simulation modeling was performed to evaluate impacts of proposed lane closure(s) during the rehabilitation of the I-78 Newark Bay - Hudson County Extension (NB-HCE) eastbound roadway from Milepost N6.0 to N8.2. A specific focus was the proposed lane closure for the rehabilitation of structure N6.80E (Grand Street off-ramp) and its effects on I-78 and local streets. Various MOT, staging, and mitigation strategies were analyzed to minimize traffic impacts during construction. | New Jersey Turnpike Authority | 93,418.00 | fee | 10/27/2017 | Yes |
| Canon USA Traffic Study Review | Detailed peer review of a traffic impact study prepared for the construction of Canon USA's new 900,000-sq-ft headquarters in Melville. | Town of Huntington | 36,000.00 | fee | 9/30/2008 | Yes |
| Cell Tower CCTV | This project involved the installation of two CCTV cameras to an existing cell tower as part of the INFORM Operations. | New York State Dept. of Transportation | 25,000.00 | fee | 9/17/2019 | Yes |
| Central Avenue Bus Rapid Transit/Transit Signal Priority Implementation | The project involved preliminary design with an option for detailed design for a Bus Rapid Transit (BRT) system for the Central Avenue corridor in Westchester County, NY. The BRT design effort focused on these specific components: 1) transit signal priority (TSP); 2) queue jumps; and 3) left turn lanes, where appropriate along the corridor, as indicated in previous studies. | Westchester County Dept. of Public Works | 1,900,000.00 | | 4/11/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|--|--|--|--------------------|----------------------------|-----------------|---|
| Central Avenue Bus Rapid Transit/Transit Signal Priority Implementation, Construction Inspection | The project involved construction inspection of a Bus Rapid Transit (BRT) system for the Central Avenue corridor in Westchester County, NY. The BRT project furnished and installed these specific components: 1) transit signal priority (TSP); 2) queue jumps; and 3) left turn lanes, where appropriate along the corridor, as indicated in previous studies. | Westchester County Dept. of Public Works | 142,126.00 | fee | 7/7/2017 | Yes |
| Christopher Street/9th Street PATH Station Improvements | Designed MOT scheme for construction activities to accommodate Christopher Street and 9th Street Station improvements at PATH stations. | Port Authority of New York & New Jersey | 51,371.00 | fee | 3/30/2002 | Yes |
| City of Sunny Isles Beach Security Master Plan | GPI assisted T&M in a City of Sunny Isles Beach Security Master Plan (Needs Assessment) conducted in concert with representatives of the municipality to identify the nature and extent of security required. | City of Sunny Isles Beach | 49,650.00 | fee | 6/25/2012 | Yes |
| City of Tampa Work Order 8 Channelside Drive Supplemental Design Services | Supplemental Design Modifications associated with the Channelside Drive complete street project. | City of Tampa | 137,710.00 | fee | 11/30/2021 | Yes |
| City of Yonkers Red-Light Camera Project | The project involved the installation of red-light violation cameras at 25 intersections throughout the City of Yonkers. | City of Yonkers | 300,000.00 | | 1/31/2012 | Yes |
| Cold Spring Road Roundabout Study | Conducted a traffic study in order to determine the feasibility of recommending a roundabout at an existing unsignalized intersection of Cold Spring Road and Syosset-Woodbury Road in the Town of Oyster Bay. | Nassau County Dept. of Public Works | 11,955.00 | fee | 12/10/2007 | Yes |
| Comprehensive Study for Speed Limit and Advisory Signs at JFK International Airport | The objective of this assignment was to conduct a comprehensive speed study and provide recommendations for the JFK International Airport roadways under the jurisdiction of the Port Authority. | Port Authority of New York & New Jersey | 164,900.00 | fee | 5/10/2015 | Yes |
| Converting NYCDOT Street Lighting Standard Detail, Drawings to Electronic Files | Redrafted hard copies of 200 standard detail plans provided by NYCDOT into electronic file format. | New York City Dept. of Transportation | 357,468.58 | fee | 9/9/2019 | Yes |
| CR 3 Pinelawn Road, from Marcus Drive to Corporate Center Drive | Preparation and development of a Design Approval Document (DAD) per the Procedures for Locally Administered Federal Aid Projects and preliminary and final design plans for an approximate 1.6 miles of roadway along CR 3 Pinelawn Road and Ruland Road / Colonial Springs Road in the Town of Huntington. | Suffolk County Dept. of Public Works | 17,000,000.00 | | 5/16/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| CR 3 Pinelawn Road/Wellwood Avenue, from the Vicinity of Conklin Street to the Vicinity of Corporate Center Drive | GPI was responsible for the preparation and development of a Design Approval Document (DAD), preliminary and final design plans for CR 3 Pinelawn Road in the vicinity of Ruland Road, Colonial Springs Road from CR 3 to CR 95 and Wellwood Avenue in the vicinity of Conklin Road in the Towns of Huntington and Babylon. Final design documents included pavement reconstruction, pavement overlay, drainage improvements, intersection realignment, and traffic signal design. The project included minor environmental assessment, including a NEPA checklist and ROW, including abstract request maps (ARM's), title searches and ROW plans. | Suffolk County Dept. of Public Works | 27,000,000.00 | | 12/17/2018 | Yes |
| CR 3 Wellwood Avenue, from Conklin Street to Central Avenue | This project involved the preparation and development of a Design Approval Document (DAD) per the Procedures for Locally Administered Federal Aid Projects and preliminary and final design plans for approximately one mile of roadway along CR 3 Wellwood Avenue, Conklin Street and Long Island Avenue in the Town of Babylon. | Suffolk County Dept. of Public Works | 10,500,000.00 | | 12/20/2019 | Yes |
| CR 83 over Long Island Expressway Maintenance and Protection of Traffic | GPI assessed construction staging schemes that required various lane closures across the CR 83 bridge over the LIE. The assessments included capacity analysis and consideration of safety impacts. | J.D. Posillico, Inc. | 10,000.00 | fee | 11/30/2006 | Yes |
| CR3 Pinelawn Road, from Marcus Drive to Corporate Center Drive | Preparation and development of a Design Approval Document (DAD) per the Procedures For Locally Administered Federal Aid Projects and preliminary and final design plans for an approximate 1.6 miles of roadway along CR 3 Pinelawn Road and Ruland Road / Colonial Springs Road in the Town of Huntington. | Suffolk County Dept. of Public Works | 497,159.00 | fee | 3/31/2013 | Yes |
| Deer Park Lighting | This project involved the redesign of the Deer Park interchange ramp configuration. | New York State Dept. of Transportation | 47,249.00 | fee | 6/9/2017 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|--|---|--|--------------------|----------------------------|-----------------|---|
| Develop Web Based Training for National Traffic Incident Management (TIM) Technology Responder Training Web Based Training Course #133126A | GPI has been selected to develop a web-based training course for National Traffic Incident Management (TIM) Technology Responder Training. The training course being developed for FHWA's National Highway Institute will adhere to current course development and presentation standards. The training covers fundamental TIM topics and focuses on providing responders with a common set of core competencies. Additionally, the course will contain six "TIM Tech" lessons pertaining to Transportation Management Centers (TMC's), Integrated Computer Aided Dispatch (CAD), TIM data and Crowdsourcing, Unmanned Aircraft Systems (UAS), Connected and Automated Vehicles (CV/AV) and Rural TIM Good Practices. | Federal Highway Administration | 93,008.00 | fee | 12/5/2024Est. | Progressing on time/budget |
| Development of a Multi-Modal Transportation Strategy for New Hospital Facility in Southampton | This project provided planning and engineering services for the development of a multi-modal transportation strategy for the new Southampton Hospital on the Stony Brook University Southampton Healthcare Campus, including recommendations on transportation infrastructure improvements and the implementation of a transportation demand management (TDM) program. The project contributed to the Southampton Hospital Association's mission of reimagining access to health care on the entire Long Island east end. | Southampton Hospital Association | 305,220.00 | fee | 1/29/2021 | Yes |
| Diversion Plans for Major INFORM Highways | This project involved the creation of diversion plans for the major INFORM highways including the LIE, NSP, SSP, SMP, WSP, MSP, Sunrise Highway, and Jericho Turnpike. These plans became a "handbook" of alternate routes to be used during roadway closures to assist the emergency management personnel so that they could quickly ascertain and relieve the build-up of traffic. | New York State Dept. of Transportation | 244,056.29 | fee | 2/14/2020 | Yes |
| Early Action TSP Traffic Design Report, Fifth Avenue | Provided proof of concept demonstration of Early Action TSP using TransEm Software developed by Axilion along a southbound section of MTA's M1 bus route in Manhattan. | New York City Dept. of Transportation | 108,081.78 | fee | 2/28/2020 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| East End INFORM ITS | This project developed PS&E plans for the addition of VMS, CCTV, communications, Portable VMS pads, and solar powered CCTV along the eastern ends of the LIE and NY 27. | New York State Dept. of Transportation | 310,924.69 | fee | 11/30/2017 | Yes |
| East End ITS CI | This project involved construction support of the \$5-million construction of ITS along Region 10 roadways as part of the INFORM Operations. | New York State Dept. of Transportation | 5,000,000.00 | | 3/24/2020 | Yes |
| East Hampton Library Traffic Study | GPI was commissioned to perform engineering services for Twomey, Latham, Shea & Kelley, LLP to conduct a traffic study on the East Hampton Library. The purpose was to identify potential traffic impacts, if any, on the future expansion of the building. | Twomey, Latham, Shea & Kelley, Dubin & Quartararo, LLP | 44,400.00 | fee | 2/25/2010 | Yes |
| Elmont Road, Dutch Broadway, and Corona Avenue – Traffic Calming and Safety Evaluations | Traffic operations along approximately 4.56 miles of roadway (27 signalized and 31 unsignalized intersections and two pedestrian midblock crossings) are being evaluated under this project. This work involves review of complaints and requests (made by community members), traffic data collection, traffic accident assessments, spot-speed studies and ball-bankings, sight-distance evaluations, intersection capacity and pedestrian analyses, conducting traffic signal warrants, left turn arrow warrants, and assessing/observing school, church and mosque traffic operational requirements during their peak service times. This comprehensive and multi-dimension traffic evaluation will result in the development of a “Complete Street” roadway plan that will not only calm traffic operation, but will help in improving pedestrian safety along the above noted roadway segments. The recommendations will include a road diet, new traffic signals, pedestrian median islands, high visibility crosswalks, rapid pedestrian flashing beacons, left turn signalization, signal optimization, and a comprehensive pavement marking plan. | Nassau County Dept. of Public Works | 286,641.77 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Elwood Orchard DEIS Review | GPI, on behalf of the Town of Huntington, reviewed traffic studies submitted as part of the Draft Environmental Impact Statement (DEIS) for the redevelopment of an approximately 56-acre parcel. | Town of Huntington | 30,500.00 | fee | 4/29/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|--|--|--------------------|----------------------------|-----------------|---|
| Emergency Management Office of INFORM, Emergency Generator Planning and Design | GPI provided planning and design for a new outdoor permanent switch between the two backup generators and a means to disconnect/reconnect the two generators and the public system (LIPA). | New York State Dept. of Transportation | 42,857.00 | fee | 8/22/2019 | Yes |
| Engineering Service Agreement (ESA) for Citywide Transit Signal Priority (TSP), Intelligent Transportation Systems (ITS), Engineering, Design, Implementation, Maintenance and Planning Projects Task 11 Smart Streetlight Evaluation | GPI assisted NYCDOT with the evaluation of smart street lighting systems by assessing the vendors' response submittals to the City's RFEI, evaluating the vendors' presentations, and analyzing the field performance of selected systems during a demonstration and testing period, with the goal of formulating an RFP for a vendor product. | New York City Dept. of Transportation | 225,667.24 | fee | 2/28/2020 | Yes |
| Engineering Services and Feasibility for CR 97, Nicolls Road from I-495 LIE to Daniel Webster Drive | Performed a transportation study to determine the feasibility and construction cost of capacity improvements on CR 97 between the Long Island Expressway and the main entrance to SUNY Stony Brook (Daniel Webster Drive). | Suffolk County Dept. of Public Works | 75,000,000.00 | | 10/1/2015 | Yes |
| Engineering Services for Upper Valley Transit Signal Priority Feasibility Study | Traffic simulation modeling to assess the potential benefits of transit signal priority on the Blue and Green Routes operated by Advance Transit. | Upper Valley Lake Sunapee Regional Planning Commission | 30,000.00 | fee | 2/17/2017 | Yes |
| Engineering Services in Conjunction with Capacity Improvements on CR 97, Nicolls Road between NY 25A/Patchogue LIRR including 3rd Lane & BRT Options | This project involves preparing a Design Approval Document and an SEQR Environmental Assessment for Bus Rapid Transit (BRT) in the Nicolls Road corridor. This includes preparing preliminary plans for roadway and traffic signal modifications to support a dedicated BRT lane, traffic signal priority, queue jumps, bus rapid transit stations, environmental studies, and a public involvement program. | Suffolk County Dept. of Public Works | 3,744,064.00 | fee | 5/1/2022 Est. | Progressing on time/budget |
| Engineering Services in Conjunction with Improvements to CR 17, Phase III | A two-part project which included conducting a comprehensive study to determine potential traffic operation improvements at the intersection of CR 17, Carleton Avenue/Wheeler Road and CR 67, Motor Parkway and review and modification of SCDPW specifications to comply with the NYSDOT's Procedures for Federally Aided projects. | Suffolk County Dept. of Public Works | 345,272.00 | fee | 8/1/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|--|---------------------------------------|--------------------|----------------------------|-----------------|---|
| Engineering Services in Conjunction with Suffolk County Traffic Signal Retiming | This project includes the traffic signal retiming of 400 intersections utilizing Synchro software and includes data collection, updating the central server, and ATMS.now software. | Suffolk County Dept. of Public Works | 1,662,617.00 | fee | 4/1/2022 Est. | Progressing on time/budget |
| Engineering Services in Conjunction with Traffic Impact Study in the Vicinity of the Ronkonkoma HUB | A traffic study was performed to investigate how potential development in Ronkonkoma and Bohemia would affect CR 93, Ocean Avenue, and other major roadways in the area. Considered developments included the Ronkonkoma HUB, Long Island Rail Road Double Track and MacArthur Airport. Aimsun simulation models were developed to compare future no build and build scenarios with existing traffic operations. Models were also developed to analyze the impact of converting Easton Street from two-way to one-way operation. | Suffolk County Dept. of Public Works | 85,243.00 | fee | 5/3/2021 | Yes |
| Engineering Support for the Development of Select Bus Service (SBS) along Woodhaven Boulevard/Cross Bay Boulevard | The New York City Dept. of Transportation and the Metropolitan Transportation Authority deployed Select Bus Service (SBS) along a 14-mile section of Woodhaven Boulevard/Cross Bay Boulevard. GPI studied a 3.2-mile section that included 24 signalized intersections to assess SBS operational impacts and offered solutions. | New York City Dept. of Transportation | 327,850.76 | fee | 9/24/2019 | Yes |
| Enhancement of Real-Time Passenger Information (RTPI) API | The City of New York, in its continuing mission to provide bus passengers with improved bus arrival information to enhance their transit experience, has implemented several technological solutions including Real-Time Passenger Information (RTPI) and wayfinder signs. This program utilizes cellular connected assets which pull down the arrival time information for the NYC MTA BUSTIME App to update the RTPI signs at bus stops. These signs provide users with bus arrival updates so that they can make informed decisions about their trip. | New York City Dept. of Transportation | 165,615.00 | fee | 7/6/2022 Est. | Progressing on time/budget |
| Expanded Project Proposal (EPP) for CR 3 Pinelawn Road | Expanded Project Proposal EPP and preliminary design for the widening and rehabilitation of CR 3 between Ruland Road and the Long Island Expressway. Included evaluation of at-grade and grade-separated alternatives at the intersection with Ruland Road. | Suffolk County Dept. of Public Works | 15,000,000.00 | | 2/2/2006 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Facility Wide Lane Closure Guidelines and Development and Support Services for the Traffic Data Management System (TDMS) | GPI is reviewing the drawings previously developed for each facility for consistency amongst themselves. Secondly, GPI is evaluating for consistency amongst the line departments (aviation, TB&T, etc.) and identifying the changes that need to be made. | Port Authority of New York & New Jersey | 174,763.80 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Garden City High School Merillon Avenue Study | The project entailed the evaluation of traffic operations associated with the proposed bus loop entrance to the school. | Garden City Union Free School District | 10,760.00 | fee | 7/16/2011 | Yes |
| George Washington Administration Building Parking, Hudson Street, Central Road, and Hoyt Avenue Pavement Rehabilitation | GPI teamed with KS Engineers, P.C. and VN Engineers, Inc. and together provided all traffic-related design services related to the resurfacing of the administration building parking facilities and secondary roads adjacent to the upper-level toll plaza. | Port Authority of New York & New Jersey | 119,646.00 | fee | 6/1/2020 | Yes |
| George Washington Bridge - Ramp TR2 - E-ZPass Lane Implementation Feasibility | Facility management has requested that GPI assess the feasibility of opening Ramp TR2 as an E-ZPass lane during the topside construction associated with Contract GWB-244.204, and also as a permanent feature for future use. The project involves conducting traffic and roadway safety assessments and developing peak hour traffic volume networks to conduct capacity analyses at critical intersections. Also involved in field work and stopping sight distance assessment for Ramp TR2 in association with acceleration lane requirements (for both taper and parallel acceleration ramps) following AASHTO guidelines and the development of a traffic study report. | Port Authority of New York & New Jersey | 85,406.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| George Washington Bridge "Restoring the George" Program Traffic Engineering Design & Construction Support | The primary objective of this effort is to provide day-to-day professional traffic engineering services for the George Washington Bridge "Restoring the George" capital program. | Port Authority of New York & New Jersey | 674,037.50 | fee | 12/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| George Washington Bridge and Bus Station | The primary objective of this effort was to provide a design team, collectively possessing extensive expertise in the area of traffic engineering design and construction support, for the purpose of providing day-to-day professional engineering services for the George Washington Bridge and George Washington Bridge Bus Station. | Port Authority of New York & New Jersey | 89,000.00 | fee | 7/8/2015 | Yes |
| George Washington Bridge Bicycle and Pedestrian Path | The primary objectives for this contract were twofold – 1) thoroughly review background material, conduct targeted research, and concept preparation and coordination for the planned pedestrian and bicycle path improvements on the New York and New Jersey approaches; and 2) prepare Stage III contract documents for the New York approaches only specific to said planned pedestrian and bicycle path improvements and incorporate into GWB-244.042. | Port Authority of New York & New Jersey | 42,086.00 | fee | 12/20/2016 | Yes |
| George Washington Bridge Facility-Wide Priority Rehabilitation | The objective of this contract was to develop Stage III contract documents specific to the structural rehabilitation of previously identified priority repairs located throughout the GWB facility. | Port Authority of New York & New Jersey | 39,928.00 | fee | 8/10/2015 | Yes |
| George Washington Bridge Hudson Terrace Rehabilitation Stage III & IV | Final design services for designing the MOT schemes for the construction and rehabilitation of Hudson Terrace and its associated ramps. | Port Authority of New York & New Jersey | 94,600.00 | fee | 7/2/2007 | Yes |
| George Washington Bridge Hudson Terrace Rehabilitation Stage IV | The project involved providing construction support services during rehabilitation of a local street and the George Washington Bridge entrance/exit ramps in New Jersey. The traffic engineering design for this project was performed by GPI. Specific tasks included shop drawing review, periodic field inspections, preparation of progress reports and attending coordination meetings. | Port Authority of New York & New Jersey | 11,200.00 | fee | 2/12/2007 | Yes |
| George Washington Bridge Lane Closure Guidelines and NYCDOT Memorandum of Understanding Update | The objective of this assignment was to update the lane closure guidelines for the George Washington Bridge and the memorandum of understanding on hand with NYCDOT. | Port Authority of New York & New Jersey | 98,096.00 | fee | 4/13/2018 | Yes |
| George Washington Bridge Lane Closure Guidelines Update | GPI reviewed current George Washington Bridge routine lane closure guidelines and updated as required. | Port Authority of New York & New Jersey | 127,000.00 | fee | 5/31/2010 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| George Washington Bridge MOT Engineering Support Services | Call-in contract to provide professional engineering services to assist PA traffic engineering staff. | Port Authority of New York & New Jersey | 120,300.00 | fee | 6/30/2002 | Yes |
| George Washington Bridge On-Site Traffic Engineering Services | Under the call-in contract with the Port Authority of NY & NJ, GPI provided on-site professional engineering services to assist PA Traffic Engineering staff with ongoing work at the George Washington Bridge and Bus Station. | Port Authority of New York & New Jersey | 275,500.00 | fee | 12/31/2007 | Yes |
| George Washington Bridge Replacement of Impact Attenuators, Guide Rail and Barriers | GPI conducted field investigations to verify the current status of all impact attenuators, guide rail runs and barriers to confirm their applicability against current design standards as well as prevailing field conditions. | Port Authority of New York & New Jersey | 183,300.00 | fee | 11/1/2011 | Yes |
| George Washington Bridge Technical Services | Under the current call-in contract with the Port Authority of NY & NJ, GPI provided professional engineering services to assist PA Traffic Engineering staff. GPI staff was assigned for ongoing work at the George Washington Bridge involving a number of facility operations and project initiatives. | Port Authority of New York & New Jersey | 482,600.00 | fee | 4/30/2008 | Yes |
| George Washington Bridge Technical Support | Sign system evaluation, pavement marking inventory and evaluation and preliminary design of concrete barrier layouts at various points on the bridge and all of its approaches. | Port Authority of New York & New Jersey | 250,400.00 | fee | 10/15/2002 | Yes |
| George Washington Bridge Traffic Data Collection, Ramps 178/179 | The objective of this assignment was to obtain traffic volumes via manual turning movement counts and ATRs as a precursor for future modeling efforts related to the assessment of proposed construction staging alternatives for GWB-244.042. GPI teamed with the firm of KLD Engineering, P.C. to provide this comprehensive support program. | Port Authority of New York & New Jersey | 5,200.00 | fee | 12/20/2014 | Yes |
| George Washington Bridge Traffic Engineering Design and Construction Support Services | The Traffic Engineering Group of the Port Authority of NY & NJ expressed interest in retaining a design team, collectively possessing extensive expertise in the area of traffic engineering design and construction support, for the purpose of providing day-to-day professional engineering services for the George Washington Bridge and George Washington Bridge Bus Station. | Port Authority of New York & New Jersey | 789,156.00 | fee | 12/20/2019 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| George Washington Bridge Traffic Engineering Support | Professional engineering services to assist PA traffic engineering staff for ongoing work at the George Washington Bridge involving a number of facility operations and project initiatives. | Port Authority of New York & New Jersey | 56,000.00 | fee | 12/31/2002 | Yes |
| George Washington Bridge Traffic Simulation Model Development and Technical Support | The primary objective for this contract was the expansion of the existing GWB traffic simulation model to include the western half of the facility from approximately midspan, through the New Jersey approaches, to the Authority's jurisdictional limits at Fletcher Avenue. | Port Authority of New York & New Jersey | 23,976.00 | fee | 11/6/2015 | Yes |
| George Washington Bridge Trans-Manhattan Expressway Barrier Replacement | This project included a condition assessment of existing concrete traffic barrier on the Manhattan approach to the George Washington Bridge, an engineering analysis to determine barrier replacement options, and preliminary design for recommended barrier replacement methods. An electrical engineering analysis was also conducted to determine whether existing lighting levels within a tunnel section of the roadway meet current standards. | Port Authority of New York & New Jersey | 147,600.00 | fee | 8/17/2010 | Yes |
| George Washington Bridge Travel Time and Queue Survey | The objective of this assignment was to provide a traffic monitoring program to ascertain the travel times and queues from the various George Washington Bridge approaches during specific maintenance of traffic schemes. | Port Authority of New York & New Jersey | 9,400.00 | fee | 1/5/2012 | Yes |
| George Washington Bridge Upper-Level Steel Rehabilitation - Stage 1 | In order to accommodate the rehabilitation of the orthotropic steel deck on the upper level of the George Washington Bridge, GPI attended progress meetings and developed maintenance of traffic sketches for structural inspections. | Port Authority of New York & New Jersey | 12,400.00 | fee | 8/4/2008 | Yes |
| George Washington Bridge, Rehabilitation of Palisades Interstate Parkway Helix | The objective of this contract was to develop Stage III traffic documents specific to the reconstruction of the three distinct bridge structures comprising the Palisades Interstate Parkway helix, all of which were scheduled for rehabilitation and/or replacement. | Port Authority of New York & New Jersey | 88,000.00 | fee | 10/8/2015 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| George Washington Bridge, Rehabilitation of Ramps 178 & 179, Bus Ramps and Bus Turnaround | The objective of this contract was to develop Stage III contract documents specific to the reconstruction of five structures on the New York approach to the George Washington Bridge, previously identified in earlier design phases as being in need of structural remediation, as well as a traffic simulation model. Stage IV construction support services were also included. | Port Authority of New York & New Jersey | 187,382.00 | fee | 11/1/2017 | Yes |
| Giaia Traffic Study | Provided peer review services for a development in the rural North Fork of Long Island. GPI reviewed several traffic study documents and assessed the traffic data collected, the thoroughness of the studies, the validity of assumptions and the conclusions of the various analyses. GPI's scope of services also included expert testimony. | Cleaves Point Condominium | 10,500.00 | fee | 11/8/2006 | Yes |
| Great Neck Estates | GPI conducted a review and evaluation of a traffic study prepared by another firm for the Old Mill II Apartments located in the Village of Great Neck. The review included assessment of the traffic count data and peak hour network, trip generation and assignments and capacity analysis results at various intersections. | Great Neck Park District | 30,000.00 | fee | 6/6/2007 | Yes |
| Greater Jamaica Development Corporation On-Call Traffic Engineering Services | GPI provided traffic engineering services on an on-call basis. | Greater Jamaica Development Corporation | 30,000.00 | fee | 5/21/2014 | Yes |
| Greenetrack Casino | Greenetrack, Inc. prepared SEQR documents for the Town of New Windsor's review to construct a casino on a site that was previously approved, approximately 2.5 million sq ft of a mixed-land use development site near Stewart International Airport. GPI was involved in the development of a supplemental traffic study for the proposed casino site. | Wendel WD Architecture | 50,000.00 | fee | 6/1/2014 | Yes |
| Greybarn Sayville Planned Development District | GPI is reviewing a traffic study conducted by others and offering comments on its accuracy and the associated impacts to the neighborhood roadways. This traffic study was conducted for the six-phase construction of 1,365 residential units under its Full | Greater Islip Association | 10,000.00 | fee | 12/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Guide Rail Rehabilitation Project on Meadowbrook Parkway and Bethpage State Parkway, Towns of Hempstead, North Hempstead | This project involved design services for the removal and replacement of A588 rustic guide rail along Meadowbrook Parkway and Bethpage Parkway. | New York State Dept. of Transportation | 3,530,000.00 | | 1/7/2020 | Yes |
| GWB Traffic Simulation and Technical Support Phase III | The primary objective for this contract was threefold – update the previously developed GWB traffic simulation model to provide a Sunday morning alternative, analyze and refine the various stages associated with the future reconstruction of the TME overpass bridges, and conduct other supporting analyses to determine the impacts of various lane | Port Authority of New York & New Jersey | 25,040.00 | fee | 6/7/2018 | Yes |
| Heartland Town Square FGEIS | The Town of Huntington was an Involved Agency in the SEQR processing of the Heartland Town Square Mixed-Use Development. | Town of Huntington | 24,000.00 | fee | 4/13/2015 | Yes |
| Heartland Town Square Review | GPI reviewed the Heartland Town Square DGEIS in order to determine its traffic impacts on the surrounding and neighboring Town of Huntington's | Town of Huntington | 42,090.00 | fee | 7/23/2009 | Yes |
| Highway Design, Pedestrian Safety Corridor Study, Route 25A | This project involves pedestrian focused safety analysis, field investigations, capacity analysis, crossing investigations, speed studies, sight distance investigation, queue length studies, signal, hybrid beacon and multi-way stop warrant studies and investigations, presentations/coordination meetings with stakeholders, preparing a Generic Environmental Impact Statement (GEIS) for the rezoning of 50 acres of land adjacent to the LIRR train station to encourage Transit Oriented Development. GPI's role is to prepare a Traffic Impact Study as part of the GEIS to review potential impacts to traffic flow, pedestrian safety, and parking demand. This includes developing trip generation, trip assignment and trip distribution of proposed land uses and analyzing | New York State Dept. of Transportation | 250,206.00 | fee | 12/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|--|--------------------|----------------------------|-----------------|---|
| Hillsborough County Complete Street Design Guide | Hillsborough County Planning retained GPI to completely reframe the prior draft Complete Streets Manual to address various safety concerns identified through the safety audit. GPI is currently identifying the steps for the reframing of the Complete Streets Guide to ensure the Complete Streets Design Guide will provide the needed guidance to create safe | Hillsborough County Board of Commissioners | 84,901.00 | fee | 4/29/2022 Est. | Progressing on time/budget |
| Hillsborough County Complete Streets Design Guidelines | Hillsborough County Planning retained GPI to completely reframe the prior draft Complete Streets Manual to address various safety concerns identified through the safety audit. GPI is currently identifying the steps for the reframing of the Complete Streets Guide to ensure the Complete Streets Design Guide will provide the needed guidance to create safe | Hillsborough County Board of Commissioners | 30,053.00 | fee | 4/29/2022 Est. | Progressing on time/budget |
| Hillsborough MPO Speed Management Action Plan | MPO kicked off a comprehensive look at managing speeds on the county's high injury network corridors and identified treatments for reaching those intended target speeds. The study resulted in a Speed Management Action Plan that included a list of priority corridors, potential solutions, policies, and programs that would be essential in reducing or eliminating fatalities and severe injury crashes in the network. This study was the next critical step in the success of the Hillsborough Vision Zero Action Plan. The plan was awarded the ITE Greater Tampa Bay 2020 | Hillsborough County | 73,432.58 | fee | 7/27/2020 | Yes |
| Hillsborough MPO Vision Zero Corridors - Sheldon Road | MPO in collaboration with Hillsborough County led a detailed evaluation of eight high injury corridors in the county as a result of the Speed Management Action Plan development process. These corridor studies evaluated the needs and potential countermeasures to reduce fatal and severe injury crashes. | Hillsborough County | 74,952.01 | fee | 1/29/2021 | Yes |
| Howland Hook Terminal Forest Avenue Improvements | GPI provided professional traffic engineering services to develop conceptual plans for the implementation of roadway and signalization improvements for the PANYNJ facility at the Goethals Bridge. | Port Authority of New York & New Jersey | 24,500.00 | fee | 10/1/2008 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| Hudson River Healthcare Trip Generation Analysis | GPI analyzed trip generation rates for four scenarios to support the proposed development of a Hudson River Healthcare facility in Patchogue, NY. | Hudson River Healthcare | 5,883.41 | fee | 4/24/2018 | Yes |
| Hydrant Fueling and Medium Voltage Distribution in Central Terminal Area at LaGuardia Airport | The objective of this contract was to develop contract documents specific to the construction of upgrades to the power distribution and communications infrastructure and hydrant fueling system at LaGuardia Airport. Maintenance of traffic schemes, designed to accommodate both vehicular and pedestrian traffic, were prepared to maintain typical operations during construction and minimized the impact to the Authority's customers. | Port Authority of New York & New Jersey | 97,600.00 | fee | 10/26/2016 | Yes |
| INFORM - Portable Variable Message Signs (PVMS) | This project involved the installation of several concrete pads along Region 10 limited access highways for PVMS installations as part of the | New York State Dept. of Transportation | 22,805.21 | fee | 2/28/2020 | Yes |
| INFORM Long Island ITS System On-Call (2015) | GPI provided ITS services on an on-call basis. | New York State Dept. of Transportation | 130,399.00 | fee | 4/30/2020 | Yes |
| Inventory of ET-Plus Guide Rail End Systems at the Port Authority of NY & NJ | The primary objective of this effort was to perform an inventory throughout the Port Authority's facilities where the ET-Plus guide rail end terminal, or one of its prior iterations, was currently installed. | Port Authority of New York & New Jersey | 39,000.00 | fee | 1/12/2015 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| ITS Engineering Services to Design, Upgrade, Protect, and Maintain the INFORM Transportation Management System, NYSDOT Regions 10 and 11 | The primary purpose of this contract is to provide NYSDOT with the engineering resources and expertise required to provide design of new ITS elements, services, systems, and all related integration work necessary to upgrade, expand, protect and maintain the continuous operation of INFORM. The tasks contained under this contract require the in-depth knowledge of a wide-ranging scope of technical, logistical, and procedural services. The scope and magnitude of this engineering services contract at times requires effort and skills typically not performed by traditional ITS and traffic engineering firms. The following are the specific tasks being performed under this project: impact assessment on the system and mitigation for NYSDOT infrastructure projects; final design of ITS, system elements and support equipment; traffic signals design, installation, monitoring and inspection; ITS engineering studies; ITS integration and monitoring; updating as-built drawings using CADD & GIS format; ITS technology upgrades and | New York State Dept. of Transportation | 12,000,000.00 | | 11/30/2024 Est. | Progressing on time/budget |
| JFK International Airport Redevelopment Program Design and Construction Support and LaGuardia Airport Development of Data Hub, Analytics and Reporting Solution | GPI has teamed with MINDHOP and together are providing all traffic-related design services. The two primary tasks associated with this assignment include providing traffic engineering design and construction support for JFK Redevelopment Program and designing, developing, and integrating LaGuardia Airport's data hub, analytics, and reporting solution | Port Authority of New York & New Jersey | 553,125.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| John F. Kennedy International Airport Aqueduct Road Bridge Repair | Prepared Stage III design documents in connection with the structural rehabilitation of the Aqueduct Road overpass, located on the outskirts of John F. Kennedy International Airport. | Port Authority of New York & New Jersey | 43,200.00 | fee | 5/1/2010 | Yes |
| John F. Kennedy International Airport Central Terminal Area Roadway Resurfacing | The objective of this assignment was prepare Stage III design documents corresponding to the resurfacing of specified central terminal area (CTA) roadways within John F. Kennedy (JFK) International Airport, as detailed within the previously submitted Stage I | Port Authority of New York & New Jersey | 78,500.00 | fee | 12/30/2010 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| John F. Kennedy International Airport Construction Support Services, Contracts JFK-184.022 & JFK-124.007 | GPI provided construction support services during the Stage IV phase of contracts JFK-184.022 and JFK-124.007 which focused on the resurfacing of North Boundary Road and Loop Road. | Port Authority of New York & New Jersey | 34,400.00 | fee | 8/20/2015 | Yes |
| John F. Kennedy International Airport Early Action Intelligent Transportation System (ITS) Deployment | Provided ITS, traffic engineering and structural design expertise in the planning and development of contract design documents. | Port Authority of New York & New Jersey | 377,500.00 | fee | 9/1/2004 | Yes |
| John F. Kennedy International Airport Electrical Power Upgrades to Northeast Cargo Areas MOT | Provided lane and parking lot closures to access manholes at JFK Airport, both on and off the Van Wyck Expressway. | Port Authority of New York & New Jersey | 60,400.00 | fee | 10/30/2002 | Yes |
| John F. Kennedy International Airport ITS Asset Maintenance Contract | The objective of this assignment was to evaluate the maintenance requirements for recently installed ITS equipment at JFK Airport and to identify interim and permanent maintenance contract requirements to service a fiber optic communications network, variable message signs, CCTV cameras, video detection equipment and road weather information systems. | Port Authority of New York & New Jersey | 65,000.00 | fee | 5/31/2011 | Yes |
| John F. Kennedy International Airport Masterplan | Development of Phase I plans for the expansion of the JFK traffic signal system to all areas of JFK | Port Authority of New York & New Jersey | 102,103.00 | fee | 12/31/2005 | Yes |
| John F. Kennedy International Airport Non-CTA Signalized Turning Movement Counts | Project involved the collection of vehicle turning movements at 22 signalized intersections outside of JFK Airport's central terminal. | Port Authority of New York & New Jersey | 17,900.00 | fee | 1/30/2009 | Yes |
| John F. Kennedy International Airport Non-CTA Standard Lane Closures | The Port Authority was interested in developing routine lane closure guidelines for locations considered outside the Central Terminal Area (CTA) at John F. Kennedy (JFK) International Airport. This effort included, but was not limited to, the Van Wyck Expressway, JFK Expressway, service roads, and all roadways within the cargo areas. | Port Authority of New York & New Jersey | 75,800.00 | fee | 4/10/2013 | Yes |
| John F. Kennedy International Airport Preparation of Sign Service Requests | GPI provided professional engineering services to the Traffic Engineering Group of the Port Authority of New York & New Jersey to assist their staff in developing sign service requests (SSRs) and signal work orders (SWRs) for various locations at John F. Kennedy International Airport. | Port Authority of New York & New Jersey | 95,000.00 | fee | 4/19/2013 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| John F. Kennedy International Airport Redevelopment Program Preparation of Requirements Contract for Expedited Traffic Device Deployment | GPI is developing a reactive traffic device deployment contract and the subsequent work orders and maintenance of traffic schemes. | Port Authority of New York & New Jersey | 314,400.00 | fee | 9/30/2022 Est. | Progressing on time/budget |
| John F. Kennedy International Airport Redevelopment Program Signalized Intersection Removal (Grade Separation - BZ24) at Terminals 4 and 5 Exits | This assignment consisted of the design of a temporary bypass road originating from the exit from Terminal 5, continuing below the Terminal 4 exit flyover, and reconnecting with the access road to the outbound Van Wyck Expressway (VWE). This effort required the inbound VWE be shifted to accommodate this proposed bypass alignment. GPI is currently preparing design drawings for new | Port Authority of New York & New Jersey | 573,933.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| John F. Kennedy International Airport Sign Service Request | GPI assisted PA NY & NJ staff in developing conceptual mitigation measures to address previously identified operational deficiencies at John F. Kennedy International Airport and then provided sign service requests (SSRs) and signal work orders (SWRs) to have them implemented. | Port Authority of New York & New Jersey | 83,656.00 | fee | 5/25/2012 | Yes |
| John F. Kennedy International Airport Signal Design | GPI reviewed JFK Airport traffic signals to evaluate signal control equipment and to identify failed detectors. Signal modification plans were developed to replace failed and outdated signal control | Port Authority of New York & New Jersey | 57,900.00 | fee | 6/6/2006 | Yes |
| John F. Kennedy International Airport Technical Support | On-site technical engineering support for various JFK capital projects. | Port Authority of New York & New Jersey | 301,600.00 | fee | 2/2/2002 | Yes |
| LaGuardia Airport Airside Barrier Gate System | GPI developed design plans for the installation of a new vehicle detection for the LaGuardia Airport airside barrier. | Port Authority of New York & New Jersey | 17,100.00 | fee | 1/30/2006 | Yes |
| LaGuardia Airport Bridges L1 & L2 CSS | GPI provided traffic engineering and construction support services for rehabilitation of the LaGuardia Airport entrance flyover ramp that spanned the Grand Central Parkway. GPI developed the design drawings for this project that included extensive construction staging to maintain traffic on the entrance and the parkway while the work progressed. | Port Authority of New York & New Jersey | 16,600.00 | fee | 2/10/2009 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| LaGuardia Airport East End Substation Building, Equipment and Feeders | The Port Authority of New York and New Jersey issued a number of work order contracts focusing on site preparation issues in anticipation of the construction of a new electrical substation within the east parking lot at LaGuardia Airport, which services passengers traveling via US Airways and Delta. This primary contract focused on the construction of this substation and all associated equipment and feeders. | Port Authority of New York & New Jersey | 97,300.00 | fee | 11/17/2015 | Yes |
| LaGuardia Airport Incident Management Scenarios | There were two primary objectives – 1) collaborate with PANYNJ Traffic Engineering and LGA Operations personnel to identify critical locations where incidents would potentially result in a gridlock scenario for LGA and 2) develop management strategies to effectively mitigate the impacts of the incident by directing the progression of patrons during each of the selected scenarios, including detour routing, road closures, access management, determining police posts, identification of impacted traffic signals, and identification of variable message signs and messages or other ITS assets. | Port Authority of New York & New Jersey | 276,464.60 | fee | 7/1/2019 | Yes |
| LaGuardia Airport Operations Center (LGA-AOC) | The primary objective of this contract was to observe and maintain traffic operations along the airport roadway network, as well as the surrounding roadways. By using strategically placed cameras throughout the airport and flight data provided by the FAA, LGA-AOC staff were responsible for continually monitoring traffic and determining when an incident or increased traffic volume could impact airport operation and mitigating it accordingly. | Port Authority of New York & New Jersey | 312,786.00 | fee | 11/29/2018 | Yes |
| LaGuardia Airport Overheight Detection Planning and Design | Feasibility study and preliminary design for a system to notify motorists of limited clearances at LaGuardia | Port Authority of New York & New Jersey | 108,400.00 | fee | 9/30/2003 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| LaGuardia Airport Oversight and Support Services | The primary objective of this effort was to assign on-site technical support services to provide continuous evaluation and monitoring of general traffic operations throughout the facility, the identification and subsequent replacement and/or rehabilitation of deteriorated or obsolete traffic control devices, and coordination with facility personnel to ensure safe progression through LaGuardia Airport | Port Authority of New York & New Jersey | 429,900.00 | fee | 7/30/2016 | Yes |
| Lincoln Tunnel Bus Ramps Deck Replacement | GPI was responsible for the production of maintenance of traffic drawings corresponding to the replacement of the existing decks of the four major ramps – designated as E92, R97, R98, and W99 – that connect the Port Authority Bus Terminal to the Lincoln Tunnel and local streets | Port Authority of New York & New Jersey | 69,600.00 | fee | 6/1/2010 | Yes |
| Lincoln Tunnel Bus Ramps R97 & R98 Median Crossover | This project involved the removal of a section of the existing concrete median separating Ramps R97 and R98 opposite the existing West 40th Street entrance at the Port Authority Bus Terminal to permit buses to access R97 and maneuver to the fourth floor directly, thus bypassing the queue to the third floor and subsequently improving the on-time performance of the fourth floor | Port Authority of New York & New Jersey | 139,422.00 | fee | 12/31/2014 | Yes |
| Lincoln Tunnel Expressway Bridge Parapets at 24th, 35th, 37th, and 38th Streets | GPI conducted an alternatives assessment highlighting the positives and negatives of using three potential barriers – temporary concrete barriers, concrete planters, and bollards – to protect deficient parapet walls on local streets spanning the Lincoln | Port Authority of New York & New Jersey | 75,588.00 | fee | 10/29/2018 | Yes |
| Lincoln Tunnel Safety Improvement Location TS-26 Stage III Design | The objective of this amendment was to develop Stage III contract documents specific to replacing a number of deteriorating static signs mounted on bridge structures spanning the NJ-495 eastbound approach to the Lincoln Tunnel. Stage IV construction support services were also included | Port Authority of New York & New Jersey | 128,959.00 | fee | 2/14/2018 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| Lincoln Tunnel Traffic Safety Improvements: Realignment of Pleasant Avenue Exit Ramp and South Marginal Highway | This project involved the development of Stage III contract documents specific to the realignment of the Pleasant Avenue exit ramp and South Marginal Highway and replacing a number of deteriorating static signs mounted on bridge structures spanning the NJ-495 eastbound approach to the Lincoln Tunnel. Stage IV construction support services were | Port Authority of New York & New Jersey | 158,100.00 | fee | 4/24/2018 | Yes |
| Logan Bus Company Traffic Evaluation | The work involved addressing questions related to a previously-conducted traffic study and signal warrant assessment that were raised by the reviewing agencies including the Port Authority of New York & | Leonard J. Strandberg & Associates | 78,522.60 | fee | 4/30/2012 | Yes |
| Logan Bus Traffic Signal Intersection Design - Rockaway Boulevard | The purpose of this project was to identify and design signalized intersections at the entrance to the Logan Bus Driveway at Rockaway Boulevard, Guy Brewer Boulevard at Rockaway Boulevard and Farmers Boulevard at Rockaway Boulevard, Queens, NY. | New York City Dept. of Transportation | 23,880.00 | fee | 6/30/2009 | Yes |
| Long Beach Road Traffic Signal Expansion, Phase 9 Design Services | GPI is providing the design and developing PS&E plans to construct and upgrade signalized intersections, overhaul outdated equipment, install new fiber optic communication interconnect, install new CCTV surveillance cameras and Variable Message Signs (VMS), optimize retiming of signalized intersections, and improve ADA pedestrian compliance along the Long Beach Road corridor from Lincoln Avenue at the northern project terminus to Waukena Avenue at the southern project terminus in | Nassau County Dept. of Public Works | 194,523.21 | fee | 3/16/2023 Est. | Progressing on time/budget |
| Long Island Expressway VMS Maintenance and Protection of Traffic | Maintenance of traffic plans for the maintenance of Variable Message Signs (VMS) along the LIE. | New York State Dept. of Transportation | 500,000.00 | | 6/1/2016 | Yes |
| Loop Road and North Service Road Pavement Rehabilitation | The objective of this contract was to develop Stage III contract documents specific to traffic engineering aspects in connection to the pavement rehabilitation for Loop Road and North Service Road off the JFK | Port Authority of New York & New Jersey | 64,700.00 | fee | 9/1/2012 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|--|--|--|--------------------|----------------------------|-----------------|---|
| Manorwoods Traffic Study | GPI was retained by the Town to evaluate the impacts associated with the development of a residential subdivision upon the existing residential neighborhood. Services included collection of existing traffic data, calculation of trip generation rates, assessment of impacts, and development of a report. | Town of Huntington | 5,900.00 | fee | 11/30/2005 | Yes |
| Marine Parkway Bridge VMS | The purpose of this work is to design and provide construction support services for installation of two Variable Message Signs at Marine Parkway Bridge, one at the Brooklyn side for south bound traffic and one at the Rockaway side for the north bound traffic to inform the customers on the lane status, bridge lifts, and roadway safety. | MTA Bridges & Tunnels | 133,204.00 | fee | 7/1/2022 Est. | Progressing on time/budget |
| Mastic/Shirley Peninsula Evacuation Study | GPI conducted a comprehensive emergency preparedness and evacuation planning study for the Mastic-Shirley peninsula on the south shore of the Town of Brookhaven. | Town of Brookhaven | 1,000,000.00 | fee | 1/31/2012 | Yes |
| Meadows at Yaphank, I-495 Improvements | This project involved construction inspection oversight and coordination with NYSDOT construction personnel to inspect and manage the construction of a new service road and two new entrance ramps leading to the westbound Long Island Expressway. | Rose-Breslin Associates LLC | 5,600,000.00 | | 7/15/2019 | Yes |
| Metropolitan Airports - Safety Study and System Investigations | Provided signing and pavement marking inventories, multiple field visits, traffic counts, identification of safety improvements and development of contract drawings in order to reduce the accident potential along roadway systems within the three major | Port Authority of New York & New Jersey | 30,700.00 | fee | 1/7/2005 | Yes |
| Micro-Simulation Models of Route 9 | This project involved development of micro-simulation models of Route 9 corridor to investigate the feasibility of TSP system implementation. A no-build alternative and two options with a range of high- and low-cost transit service improvements was analyzed. | Massachusetts Department of Transportation | 51,250.00 | fee | 11/11/2016 | Yes |
| Mid-Hudson Bridge ITS System | As part of Phase 2 of the NYSBA's on-call agreement, GPI performed design for ITS facilities on the Mid-Hudson Bridge. | New York State Bridge Authority | 174,935.00 | fee | 2/8/2008 | Yes |
| Mid-Hudson Bridge ITS System CSS | As part of the New York State Bridge Authority's on-call agreement, GPI performed construction support services for ITS facilities on the Mid-Hudson Bridge. | New York State Bridge Authority | 32,360.00 | fee | 9/30/2008 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|-------------------------------------|--------------------|----------------------------|-----------------|---|
| Nassau County Conversion to NYSDOT Items | GPI reviewed existing Nassau County traffic signal specifications to identify available New York State Dept. of Transportation (NYSDOT) specifications that could be used as direct replacements. | Nassau County Dept. of Public Works | 39,500.00 | fee | 5/16/2011 | Yes |
| Nassau County Incident Management System, Phase 4 | Nassau County with GPI embarked on further developing their ITS infrastructure along various Nassau County corridors by adding CCTV coverage at approximately 30 sites with this project design. By utilizing County-owned network communication infrastructure that was being used for the traffic signal system, Nassau County implemented this project quickly and cost effectively providing a large benefit for a small capital investment. | Nassau County Dept. of Public Works | 125,196.00 | fee | 12/26/2012 | Yes |
| Nassau County Mineola Parking Study | GPI studied the existing parking supply and demand to mitigate existing/future parking deficiencies for the Nassau County municipal parking fields in Mineola. | Nassau County Dept. of Public Works | 95,428.00 | fee | 6/11/2010 | Yes |
| Nassau County On-Call Traffic Engineering | GPI developed plans, specifications and estimates for the modification and reconstruction of traffic signals that are owned by Nassau County. The following tasks were required to complete this effort: field review and evaluation of existing signal equipment; development of digital base files; providing recommendations for safety and operational improvements; and development of final contract | Nassau County Dept. of Public Works | 779,010.00 | fee | 6/11/2010 | Yes |
| Nassau County On-Call Traffic Engineering | These projects involved developing plans, specifications and estimates for the reconstruction of County-owned traffic signals. | Nassau County Dept. of Public Works | 741,952 | fee | 8/1/2012 | Yes |
| Nassau County On-Call Traffic Engineering | Projects under this on-call project involved developing plans, specifications and estimates for the reconstruction of County-owned | Nassau County Dept. of Public Works | 2,000,000.00 | | 1/8/2016 | Yes |
| Nassau County On-Call Traffic Engineering 2016 | GPI is providing traffic engineering services to NCDPW on an on-call basis. | Nassau County Dept. of Public Works | 509,983.00 | fee | 6/30/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|-------------------------------------|--------------------|----------------------------|-----------------|---|
| Nassau County On-Call Traffic Engineering 2019 | Providing "on-call" traffic engineering services to NCDPW's Traffic Engineering Unit. These services include, but are not limited to engineering, design, inspection, data collection, traffic analyses, CAD drafting, surveys, traffic impact analyses, traffic counting, traffic studies, traffic calming studies, transportation planning, providing traffic engineers, ITS specialists, CAD operators and technicians, and any other services necessary to address a wide variety of traffic engineering projects and assignments. | Nassau County Dept. of Public Works | 1,139,112.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Nassau County On-Call Traffic Engineering 2019 - Design Support | GPI provides day-to-day on-site technical support to assist the County with design assignments, traffic signal inspection, as well as addressing any constituent requests for traffic devices, traffic signals, and accident concerns. Four individuals have been provided to the County for technical support services throughout the duration of this multi-year assignment. Our services include any field inspection for new installations, upgrades and repairs on all County traffic signal, as well as field inspections throughout the County per constituent requests. | Nassau County Dept. of Public Works | 270,400.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Nassau County Pavement Marking Design - Resurfacing Phase 28 | The objective of this assignment was to prepare permanent pavement marking design drawings for nine corridors corresponding to Contract H6270001C, issued by the Nassau County Dept. of Public Works for the year 2011. | Nassau County Dept. of Public Works | 22,400.00 | fee | 3/27/2012 | Yes |
| Nassau County Pavement Marking Plans | GPI inventoried all existing pavement markings along 11 segments of roadway deemed as priorities by NCDPW. At the conclusion of the inventory, permanent pavement marking plans were developed and submitted for approval. | Nassau County Dept. of Public Works | 234,470.00 | fee | 10/19/2006 | Yes |
| Nassau County Pavement Marking Refurbishment | GPI inventoried all existing pavement markings along 54 segments of roadway deemed as priorities by NCDPW. At the conclusion of the inventory, permanent pavement marking plans were developed and submitted for approval. | Nassau County Dept. of Public Works | 171,966.00 | fee | 12/7/2007 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|-------------------------------------|--------------------|----------------------------|-----------------|---|
| Nassau County Pavement Marking Refurbishment (2008) | GPI inventoried all existing pavement markings along a number of roadway segments deemed as priorities by NCDPW. At the conclusion of the inventory, permanent pavement marking plans were developed and submitted for approval. | Nassau County Dept. of Public Works | 126,777.00 | fee | 9/1/2008 | Yes |
| Nassau County Pavement Markings 715G | The objective of this assignment was to prepare permanent pavement marking design drawings corresponding to Contract H6158715G, the second of four roadway resurfacing contracts being issued by the Nassau County Department of Public Works for the year 2009. | Nassau County Dept. of Public Works | 39,700.00 | fee | 10/1/2009 | Yes |
| Nassau County Paving Marking Inspection | GPI was the prime consultant overseeing traffic signal inspection operations. | Nassau County Dept. of Public Works | 9,874.00 | fee | 10/24/2008 | Yes |
| Nassau County Red-Light Violation Camera System | The use of red-light cameras has been documented as a means of improving the safety of signalized intersections. Therefore, Nassau County wanted to plan, design, implement, operate, and manage the infrastructure and the hardware/software systems associated with a red-light violation camera system. The project involves all planning and design phases and construction and installation of signal-related infrastructure and the subsequent operation maintenance and management of the system. GPI is serving as the engineer of record for a design-build team installing red-light cameras at 60 intersections in the County. This accelerated schedule involves close coordination with the County Dept. of Public Works, equipment vendor, team contractor and local utilities. Construction documents are also being prepared for all locations which involves field investigations, map preparation, clearance interval review, site installation design, sign conformity and construction support. | Nassau County Dept. of Public Works | 131,017.00 | fee | 10/31/2022 Est. | Progressing on time/budget |
| Nassau County Red-Light Violation Camera System | Project involved designing 50 red-light camera locations for installation on Nassau County roadways. | Nassau County Dept. of Public Works | 340,545.00 | fee | 1/17/2011 | Yes |
| Nassau County Red-Light Violation Camera System, Phase II | This project involved the installation of red-light camera equipment at 20 County and State | Nassau County Dept. of Public Works | 54,500.00 | fee | 1/30/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|-------------------------------------|--------------------|----------------------------|-----------------|---|
| Nassau County Signal Improvements | Provided traffic engineering services in connection with traffic signal upgrades and in particular, pedestrian safety improvements. | Nassau County Dept. of Public Works | 36,000.00 | fee | 8/9/2002 | Yes |
| Nassau County Signal Management Development | GPI developed plans, specifications and estimates for the reconstruction of County-owned traffic signals. | Nassau County Dept. of Public Works | 31,440.00 | fee | 4/24/2007 | Yes |
| Nassau County Signal Survey Warrant Assessment | GPI modified the existing decades-old Nassau County Traffic Signal Survey and Warrant Report to comply with the new 2010 MUTCD guidelines. This involved a detailed flow chart to assist County employees in efficiently evaluating citizen's requests but still complied with the current MUTCD requirements. Additionally, 60 intersections were evaluated for various signal/turn signal | Nassau County Dept. of Public Works | 99,765.86 | fee | 6/30/2012 | Yes |
| Nassau County Traffic Calming - Post Avenue | GPI performed a traffic calming study along Post Avenue in the Village of Westbury to identify appropriate traffic calming measures and safety measures that could be applied along the corridor. | Nassau County Dept. of Public Works | 39,900.00 | fee | 2/28/2007 | Yes |
| Nassau County Traffic Design Engineer | GPI provided an on-site traffic engineer to assist Nassau County with their traffic engineering work | Nassau County Dept. of Public Works | 82,212.00 | fee | 7/27/2012 | Yes |
| Nassau County Traffic Design Engineer | GPI provided an on-site traffic engineer to assist Nassau County with their traffic engineering work | Nassau County Dept. of Public Works | 1,247,744.00 | fee | 1/8/2016 | Yes |
| Nassau County Traffic Sign Inventory and Management System | Development of a computerized traffic sign management system to consolidate sign data information to enhance the inventory, management and maintenance responsibilities of the County. | Nassau County Dept. of Public Works | 550,000.00 | fee-combined | 12/31/2003 | Yes |
| Nassau County Traffic Signal Design Group 2 | GPI developed plans, specifications and estimates for the reconstruction of County owned traffic signals. | Nassau County Dept. of Public Works | 57,200.00 | fee | 3/1/2008 | Yes |
| Nassau County Traffic Signal Expansion, Phase 7 | GPI developed plans, specifications and estimates for the reconstruction of 44 County-owned traffic signals and for the installation of 16.5 miles of fiber optic interconnect cable and conduit. | Nassau County Dept. of Public Works | 409,360.00 | fee | 12/12/2013 | Yes |
| Nassau County Traffic Signal Inspection 1 | This project involved installation of traffic signals at new locations and replacement of span wire traffic signals and dated controllers at existing locations. | Nassau County Dept. of Public Works | 174,392.01 | fee | 9/1/2010 | Yes |
| Nassau County Traffic Signal Inspection Line 14 | This project involved installation of traffic signals at new locations and replacement of span wire traffic signals and dated controllers at existing locations. | Nassau County Dept. of Public Works | 66,044.00 | fee | 6/30/2012 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| Nassau County Traffic Signal Inspection Line 6 | This project involved installation of traffic signals at new locations and replacement of span wire traffic signals and dated controllers at existing locations. | Nassau County Dept. of Public Works | 181,438.00 | fee | 6/30/2012 | Yes |
| Nassau County Traffic Signal Installations | This project involved the development of traffic signal reconstruction plans for seven signals on County roadways. | Nassau County Dept. of Public Works | 36,500.00 | fee | 4/20/2011 | Yes |
| Nassau County Traffic Signal Timing Progression | GPI provided design services for Nassau County to improve their traffic signal timing, and therefore, maximize the use of available roadway capacity. This project created optimum traffic flow patterns thereby reducing vehicle delay, vehicle stops, fuel consumption, and vehicle emissions. | Nassau County Dept. of Public Works | 72,453.73 | fee | 4/30/2006 | Yes |
| New York City Police License Plate Reader (LPR) System | GPI developed construction plans, specifications and details for the installation of CCTV cameras and wireless communication equipment on New York City | New York City Police Department | 2,405,000.00 | | 12/1/2009 | Yes |
| New York City Police License Plate Reader (LPR) System - Phase 2 | This project consisted of developing an installation package for the installation of video camera, video equipment, power, and a mixture of fiber, coax and wireless communications back to various collection facilities. | New York City Police Department | 847,104.00 | fee | 11/17/2017 | Yes |
| New York City Violation Enforcement Program | This project combined the use of camera video technology and radar speed detection for the expansion of the New York City Violation Enforcement Program. To date, designed plans for 70+ violation camera enforcement sites. This program expansion increased the number of Red Light Camera Enforcement sites and added new technology to monitor traffic in exclusive bus lanes | New York City Dept. of Transportation | 500,000.00 | | 8/21/2015 | Yes |
| New York City Wireless Communications | GPI prepared construction plans, specifications and details for the installation of CCTV cameras and wireless communication equipment on New York City | New York City Dept. of Information Technology and Telecommunications | 6,770,000.00 | | 9/1/2009 | Yes |
| New York State Bridge Authority Intelligent Transportation System On-Call | GPI provided planning and design for an ITS system involving surveillance and monitoring of traffic flow along the Route 44/55 corridor at the Mid-Hudson Bridge. | New York State Bridge Authority | 370,310.00 | | 6/1/2008 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| New York State Bridge Authority ITS On-Call - Security Sensor Device Installation | Project involved design of a security system on the five NYSBA bridges with communications to NYSBA's Traffic Management Center. | New York State Bridge Authority | 70,320.00 | fee | 5/1/2014 | Yes |
| New York State Bridge Authority ITS On-Call, Various Bridges | Project involved CCTV system design on the five NYSBA bridges with communications to NYSBA's Traffic Management Center. | New York State Bridge Authority | 279,488.00 | fee | 2/29/2012 | Yes |
| Newark Airport Traffic Engineering Operation Services Onsite | GPI performed day-to-day on-site traffic operational services as well as various field studies, traffic engineering analyses and CADD drafting services under the direct supervision of the Port Authority traffic engineering staff. GPI has successfully completed various engineering and operational assignments under our 2002/2003/2004 Technical Support Service agreement for this facility. | Port Authority of New York & New Jersey | 176,000.00 | fee | 12/30/2006 | Yes |
| Newark Airport Traffic Operation Services Off-Site | GPI performed day-to-day traffic operational services as well as various field studies, traffic engineering analyses and CADD drafting services under the direct supervision of the Port Authority traffic engineering staff. Assignments involved traffic engineering and planning services associated with traffic operations and also included design projects, facility coordination, engineering analysis, surveys, signing and striping, traffic signals and ITS services. | Port Authority of New York & New Jersey | 223,400.00 | fee | 12/31/2008 | Yes |
| Newark Liberty International Airport (EWR) Overheight Vehicle Detection System | Evaluation and preliminary design of an overheight vehicle detection system to help in avoiding potential incidents associated with the overheight vehicles on the frontage roadway network. | Port Authority of New York & New Jersey | 55,600.00 | fee | 4/10/2004 | Yes |
| Newark Liberty International Airport Traffic Speed Study | The objective of this assignment was to conduct a comprehensive speed study and provide recommendations for the roadways within Newark Liberty International Airport. | Port Authority of New York & New Jersey | 170,670.00 | fee | 2/13/2017 | Yes |
| Nicolls Road Alternatives Analysis Study | GPI evaluated various alternatives to improve transit service along Suffolk County CR-97 including options for Bus Rapid Transit, Transit Signal Priority and queue jumps. | Suffolk County Dept. of Economic Development and Planning | 96,981.00 | fee | 6/30/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|------------------------------------|--------------------|----------------------------|-----------------|---|
| NJ-495 CAM 12 | This project provides supplemental simulation analyses as needed to evaluate potential solutions to unforeseen traffic problems during the reconstruction of the NJ-495 viaduct over Paterson Plank Road. It provides the NJDOT the ability to respond to stakeholder concerns, suggestions, or complaints | New Jersey Dept. of Transportation | 136,037.01 | fee | 7/31/2022 Est. | Progressing on time/budget |
| NJ-495 Simulation Modeling Support | Expanded, calibrated and validated Vissim traffic simulation model of NJ-495 and Lincoln Tunnel roadways and evaluated plans for lane closures and staging of the reconstruction of the NJ-495 Bridge over US-1 and Paterson Plank Road. A total of ten staging and mitigation scenarios were simulated and evaluated for both AM and PM peak periods. Various staging recommendations were tested and evaluated to minimize traffic delay impacts. | New Jersey Dept. of Transportation | 90,300,000.00 | | 8/16/2013 | Yes |
| NJ-495 Traffic Mitigation Assessment | GPI evaluated the need and feasibility to implement adaptive control to local traffic signals as a supplemental mitigation strategy for potential traffic impacts during rehabilitation of the NJ-495 Bridge over US 1&9 and Paterson Plank Road in Bergen | New Jersey Dept. of Transportation | 67,162.55 | fee | 12/9/2015 | Yes |
| NJ-495 Traffic Mitigation Assessment-CAM 10 | GPI evaluated the need and feasibility of implementing adaptive control to local traffic signals as a supplemental mitigation strategy for potential traffic impacts during rehabilitation of the NJ 495 Bridge over US 1&9 and Paterson Plank Road in | New Jersey Dept. of Transportation | 359,219.95 | fee | 9/1/2017 | Yes |
| NJDOT I-80 Weigh and Inspection Station | GPI designed the Weigh-In-Motion station (WIM) along I-80 in Warren County, New Jersey. WIM allows for the monitoring of truck characteristics that are detrimental to a roadway's infrastructure and safety in a roadside facility. These WIM systems automatically check axle weights, tandems, and tri-axles against limits, trucks with over-height conditions, and display of all trucks with over-limit | New Jersey Dept. of Transportation | 10,000,000.00 | | 12/31/2009 | Yes |
| NJDOT ITS Specifications | GPI revised current NJDOT Standard ITS specifications. GPI reviewed current NJDOT specifications, discussed with client and vendors, then updated and revised the specifications as | New Jersey Dept. of Transportation | 71,336.00 | fee | 12/1/2006 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| NJDOT ITS Term Agreement | Under this NJDOT two-year term agreement, GPI provided ITS Engineering Support Services. This contract consists of a \$250,000 fee. | New Jersey Dept. of Transportation | 71,336.00 | fee | 6/1/2008 | Yes |
| North Boundary Road | Design services to conduct safety investigations along the North Boundary Road corridor to specifically focus on improving pedestrian safety. | Port Authority of New York & New Jersey | 115,300.00 | fee | 5/30/2003 | Yes |
| North Boundary Road Pavement Rehabilitation | The objective of this contract was to develop contract documents specific to traffic engineering aspects in connection to the pavement rehabilitation for North Boundary Road, North Bergen Road, Old Rockaway Boulevard, and Eastern Road. | Port Authority of New York & New Jersey | 80,600.00 | fee | 9/1/2012 | Yes |
| North Boundary Road Traffic Signal Upgrade | The objective of this contract was to develop Stage III contract documents specific to traffic signal upgrades in connection to the pavement rehabilitation for North Boundary Road, North Bergen Road, Old Rockaway Boulevard, and Eastern Road. | Port Authority of New York & New Jersey | 88,700.00 | fee | 9/1/2012 | Yes |
| North Fork Bank Traffic Study | GPI conducted a brief traffic study in order to determine trips generated by constructing a bank of Tintle property in East Hampton. This study included traffic counts at an adjacent intersection and at an existing bank driveway in order to predict the anticipated traffic activity at the project site under the proposed condition. A letter report was prepared to provide the findings accompanied with a town | Frank Martorana | 3,500.00 | fee | 12/25/2005 | Yes |
| North Lewis Avenue Traffic Study | GPI was retained to conduct a traffic study that will assess the impacts along N. Lewis Avenue that are generated by a nearby automobile dealership. The effort included field observations, analysis and preparation of a Technical Memorandum. | Village of Rockville Centre | 4,100.00 | fee | 2/28/2006 | Yes |
| Northwoods Development | Traffic analyses to demonstrate a new interchange on the Long Island Expressway would be warranted to accommodate the traffic impacts anticipated by a proposed 660-acre site known as Northwoods Development rather than using the existing roadway network. | Rose-Breslin Associates LLC | 224,284.00 | fee | 6/30/2015 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| NY 101 at Middle Neck Road, Safety Study Assignment #01 | This project involved studying alternatives (including a roundabout option) to improve traffic operations and safety at the NY 101 and Middle Neck Road signalized intersection including improvements to the existing driveways for St. Francis Hospital, which is located at this intersection. | New York State Dept. of Transportation | 67,773.00 | fee | 3/20/2018 | Yes |
| NYCDOT Highway Mitigation Study | Many neighborhoods in New York City adjacent to or traversed by limited access highways have borne disproportionate adverse effects associated with those roadways. The project is developing a vision for New York City's limited access roadways. This will be done by exploring opportunities for highway mitigation through physical modifications to highway structures in line with NYCDOT's strategic goals of improving safety, non-motorized mobility, and other quality of life. | New York City Dept. of Transportation | 88,450.00 | fee | 6/30/2022 Est. | Progressing on time/budget |
| NYCDOT On-Call - Phase 10 Timing Initiative | Phase 10 continued work involving traffic signal optimization along various corridors in the City of New York. The project focused on the development of new timing plans for 417 signalized intersections along various corridors to assist with the flow of traffic. | New York City Dept. of Transportation | 537,623.15 | fee | 5/6/2019 | Yes |
| NYCDOT On-Call - Phase 7 Timing Initiative | This Phase 7 project continued work involving traffic signal optimization along various corridors in the City of New York. The project focused on the development of new timing plans for 513 signalized intersections along 12 corridors to assist with the flow of traffic during off-peak periods. | New York City Dept. of Transportation | 587,400.00 | fee | 12/30/2016 | Yes |
| NYCDOT On-Call - Phases 8 & 9 Timing Initiative | Phases 8 and 9 continued work involving traffic signal optimization along various corridors in the City of New York. The projects focused on the development of new timing plans for 512 signalized intersections along various corridors to assist with the flow of traffic during overnight periods at 25 MPH. | New York City Dept. of Transportation | 114,646.10 | fee | 4/4/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - 7th Avenue MPT Analysis Using MTM | There was a proposed pavement reconstruction project on 7th Avenue within the expanded Midtown in Motion area, in proximity to the Broadway Pedestrian Mall. The objective of the work was to use the MIM as a tool to estimate the traffic diversion caused by full or partial closures within the 7th Avenue reconstruction zone, develop MPT recommendations, interact with NYCDOT and others as directed by NYCDOT, and report the expected effects on the MIM | New York City Dept. of Transportation | 99,988.42 | fee | 7/30/2012 | Yes |
| NYCDOT On-Call - Adaptive Signal Control Phase II | GPI led the effort and oversaw the Adaptive Traffic Signal Control project, which provided the NYCDOT a means to alter signal timing in response to changing traffic conditions, utilizing real time vehicle detector | New York City Dept. of Transportation | 66,954.57 | fee | 6/12/2013 | Yes |
| NYCDOT On-Call - Ash Street Section of the Brooklyn Waterfront Greenway | Pre-scoping services for the Ash Street section of the Brooklyn Waterfront Greenway from the Pulaski Bridge to Commercial Street. | New York City Dept. of Transportation | 2,080.10 | fee | 7/13/2016 | Yes |
| NYCDOT On-Call - Brooklyn Bridge CCTV Surveillance Intelligent Transportation System | Design of a Camera Surveillance System (CSS) Intelligent Transportation System (ITS) along the Brooklyn Bridge. | New York City Dept. of Transportation | 6,000,000.00 | | 8/24/2016 | Yes |
| NYCDOT On-Call - Brooklyn Bridge Fiber Optic Security Surveillance System | This project involved furnishing design plans and specifications for the development of a new fiber optic and electrical conduit system across the Brooklyn Bridge for future ITS. The design of this ITS consisted of new fiber optic communication conduit and electrical service conduit subsystems along the bridge structure with provisions for ITS components to be connected at various locations along the bridge structure. Provisions for CCTV surveillance camera were added along with the communication system | New York City Dept. of Transportation | 6,000,000.00 | | 8/24/2016 | Yes |
| NYCDOT On-Call - CADD Basemapping Lighting Plans | This project involved developing roadway lighting base plans of the Belt Parkway. | New York City Dept. of Transportation | 44,264.76 | fee | 1/1/2014 | Yes |
| NYCDOT On-Call - CADD Specification Drawings | Project involved converting all New York City details into electronic files. | New York City Dept. of Transportation | 417,024.96 | fee | 5/30/2014 | Yes |
| NYCDOT On-Call - Citywide Congested Corridor Program Church Avenue and White Plains Road | The project involved conducting capacity analysis at 14 key intersections utilizing Synchro Software for the existing, no-build and the future short-term and long-term scenarios. Pedestrian analysis and air quality assessments were also a part of this project. | New York City Dept. of Transportation | 538,701.81 | fee | 7/10/2013 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Cross Bay Boulevard Traffic Signal Timing Progression, Phase 1 Timing Initiative | These New York City projects focus on the development of new timing plans for over 1,600 signalized intersections along various corridors to assist with the flow of traffic during the off-peak periods. Phase 1 – 7 intersections; Phase 2 – 278 intersections; Phase 3 - 628 intersections; Phase 4 – 610 intersections; and Phase 5 - 139 intersections. The projects enhanced safety, reduced emissions, and discouraged high spot speeds along each arterial by strategically concentrating the off-peak vehicles into platoons that move at reasonable speed along | New York City Dept. of Transportation | 13,187.33 | fee | 7/1/2009 | Yes |
| NYCDOT On-Call - Hylan Boulevard Contra Flow Study | GPI studied contra-flow vehicular traffic to improve traffic safety and operation on Hylan Boulevard, a major commuter route, truck route and bus route. Under this project, the feasibility of introduction ITS to manage a contra-flow lane during peak hours was | New York City Dept. of Transportation | 147,617.38 | fee | 4/30/2007 | Yes |
| NYCDOT On-Call - Hylan Boulevard Modification TM 3&5, Assignment #5 | This project assignment was an addendum and a modification to the original project that was being conducted under project # BAB-2005344.02. The modifications were due to changes requested by the | New York City Dept. of Transportation | 4,964.96 | fee | 5/5/2008 | Yes |
| NYCDOT On-Call - ITS Adaptive Traffic Signal Control | GPI led the effort and oversaw the Adaptive Traffic Signal Control project, which provided NYCDOT a means to alter signal timing in response to changing traffic conditions, utilizing real time vehicle detector | New York City Dept. of Transportation | 36,802.06 | fee | 6/12/2013 | Yes |
| NYCDOT On-Call - ITS Pedestrian Signal Survey | NYCDOT installed pedestrian countdown signals at five select intersections (one intersection in each borough) as a pilot program. GPI conducted studies at all five intersections, both before and after the countdown signals were installed, to determine the effects of the countdown pedestrian signal on pedestrian and motorist behavior | New York City Dept. of Transportation | 128,665.25 | fee | 12/31/2008 | Yes |
| NYCDOT On-Call - ITS West Side Study Outreach | Provided public outreach services. The outreach objective for the two meetings was to involve the community, address their concerns and develop a consensus on steps to reduce congestion, improve vehicular and pedestrian safety, and improve quality of life. | New York City Dept. of Transportation | 4,854.13 | fee | 9/12/2008 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Lane Control Signal Systems | Developed contract plans, specifications and estimates for the implementation of lane control signal systems on four New York City arterials. The lane control systems were implemented to regulate lane usage during targeted time periods for the purpose of <u>addressing speed limit violations.</u> | New York City Dept. of Transportation | 352,890.14 | fee | 5/1/2010 | Yes |
| NYCDOT On-Call - Lane Control Signal Systems at Father Capodanno Boulevard, Francis Lewis Boulevard and Baychester Avenue | The project involved development of contract plans, specifications and estimates for the implementation of lane control signal systems on four New York City arterials. The lane control systems implemented regulates lane usage during targeted time periods for the purpose of <u>addressing speed limit violations.</u> | New York City Dept. of Transportation | 30,519.10 | fee | 3/1/2009 | Yes |
| NYCDOT On-Call - MPT Modeling Queensboro Bridge | The work involved determination of traffic impacts and developing mitigation measures resulting from the various planned roadway closures during the reconstruction of the third water tunnel impacting the Queensboro Bridge traffic operations and various <u>Manhattan intersections.</u> | New York City Dept. of Transportation | 23,226.00 | fee | 12/30/2009 | Yes |
| NYCDOT On-Call - Phase 2 ITS Pedestrian Signal Survey | NYCDOT planned to install pedestrian countdown signals at 24 select intersections (one intersection in each borough) as a pilot program. GPI conducted studies at all five intersections, both before and after the countdown signals were installed to determine the effects of the countdown pedestrian signal on <u>pedestrian and motorist behavior.</u> | New York City Dept. of Transportation | 548,625.87 | fee | 6/1/2010 | Yes |
| NYCDOT On-Call - Phase 2 Timing Initiative | This New York City project focused on the development of new timing plans of 278 signalized intersections along various corridors to assist with the flow of traffic during the off-peak periods. The project enhanced safety, reduced emissions, and discouraged high spot speeds along each arterial by strategically concentrating the off-peak vehicles into platoons that move at reasonable speed along the | New York City Dept. of Transportation | 155,465.86 | fee | 12/12/2013 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Phase 3 Timing Initiative | This Phase 3 project continued work involving traffic signal optimization along various corridors in the City of New York. The project focused on the development of new timing plans for 628 signalized intersections along various corridors to assist with the flow of traffic during the off-peak periods. | New York City Dept. of Transportation | 328,098.83 | fee | 12/5/2012 | Yes |
| NYCDOT On-Call - Phase 4 Timing Initiative | This Phase 4 project continued work involving traffic signal optimization along various corridors in the City of New York. The project focused on the development of new timing plans for 610 signalized intersections along various corridors to assist with the flow of traffic during the off-peak periods. | New York City Dept. of Transportation | 382,930.24 | fee | 6/1/2014 | Yes |
| NYCDOT On-Call - Phase 5 Timing Initiative, Assignment 45 | This Phase 5 project continued work involving traffic signal optimization along various corridors in the City of New York. The project focused on the development of new timing plans for 139 signalized intersections along various corridors to assist with the flow of traffic during the off-peak periods. | New York City Dept. of Transportation | 143,953.00 | fee | 12/31/2013 | Yes |
| NYCDOT On-Call - Phase 6 Timing Initiative | This Phase 6 project continued work involving traffic signal optimization along various corridors in the City of New York. The project focused on the development of new timing plans for 287 signalized intersections along various corridors to assist with the flow of traffic during off-peak periods. | New York City Dept. of Transportation | 237,801.55 | fee | 12/18/2014 | Yes |
| NYCDOT On-Call - RTP1 Pole Analysis and Design | The New York City Dept. of Transportation retained GPI to analyze and prepare design drawings for the fabrication of attachments to support real time passenger information signs. | New York City Dept. of Transportation | 71,235.58 | fee | 3/31/2017 | Yes |
| NYCDOT On-Call - Safe Streets for Seniors Study | Investigated specific intersections and corridors in areas with a high elderly population. | New York City Dept. of Transportation | 334,656.61 | fee | 10/30/2015 | Yes |
| NYCDOT On-Call - Safe Streets for Seniors Study, Phase 2 | Investigated specific intersections and corridors in areas with a high elderly population. | New York City Dept. of Transportation | 320,928.27 | fee | 10/31/2015 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Sign Information Management System (SIMS) Early Action Contract | This multi-phase project included data collection for approximately 20,000 highway sign assets along 200 centerline miles of limited access highways, over 200 miles of associated ramps and interchanges, and various bridges within the City of New York and integration of inventory data into a prototype database as a proof of concept for the entire SIMS | New York City Dept. of Transportation | 199,395.00 | fee | 2/24/2012 | Yes |
| NYCDOT On-Call - Sign Information Management Systems (SIMS) Primary Contract, Phase 1 | GPI was hired by the City to perform data collection for signs along limited access highways within the city and develop an associated database for the sign data. GPI also performed a data conversion test to determine the viability of a full-scale conversion of legacy sign data. This project also included the completion of a technical system design and requirements document to be used for future procurement of a systems integrator to implement a | New York City Dept. of Transportation | 167,077.46 | fee | 3/31/2012 | Yes |
| NYCDOT On-Call - Sign Information Management Systems (SIMS) Primary Contract, Phase I, Supplemental | GPI was hired by the city to perform data collection for signs along limited access highways within the city and develop an associated database for the sign data. GPI also performed a data conversion test to determine the viability of a full scale conversion of legacy sign data. This project also included the completion of a technical system design and requirements document to be used for future procurement of a systems integrator to implement a sign management system at the DOT. This task involved data collection and extraction at fifteen bridges and all associated ramps and interchanges | New York City Dept. of Transportation | 11,708.73 | fee | 1/31/2012 | Yes |
| NYCDOT On-Call - Sign Information Management Systems (SIMS) Primary Contract, Supplemental II 09A-4 | This project involved data collection for signs along limited access highways within the city and developing an associated database for the sign data. GPI also performed a data conversion test to determine the viability of a full-scale conversion of legacy sign data. This project included the supplemental task to complete data collection and extraction for an expanded scope to include all associated ramps, interchanges and NYC owned | New York City Dept. of Transportation | 17,793.63 | fee | 3/31/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Sign Information Management Systems (SIMS), Primary Contract, Phase 2 | GPI expanded the pilot data conversion routine from phase 1 to develop a citywide program that converted data from the DOT's STATUS mainframe sign management system into a SQL server spatial data source on a nightly basis. | New York City Dept. of Transportation | 199,479.51 | fee | 10/31/2013 | Yes |
| NYCDOT On-Call - South Bronx Crosstown Transit Signal Priority System | Study, design, and deployment of a Transit Signal Priority (TSP) system on approximately six miles incorporating 49 intersections, to address transportation and traffic issues along the Bx6 bus route in the South Bronx. | New York City Dept. of Transportation | 751,752.30 | fee | 3/31/2022 Est. | Progressing on time/budget |
| NYCDOT On-Call - South Brooklyn Crosstown B82 | Study, design and deployment of a Transit Signal Priority (TSP) system on approximately ten miles, incorporating 128 signalized intersections, to address transportation and traffic issues along the B82 Select Bus Service in South Brooklyn. | New York City Dept. of Transportation | 1,702,380.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| NYCDOT On-Call - Staten Island-Brooklyn Mobility Enhancement for Transit Vehicles on Victory Boulevard | Studied, investigated, designed and deployed a Transit Signal Priority (TSP) system for NYCT buses on Victory Boulevard in Staten Island. The purpose was to improve the overall intersection traffic operation and encourage use of transit mode (in the | New York City Dept. of Transportation | 255,690.00 | fee | 2/27/2009 | Yes |
| NYCDOT On-Call - Structural Analysis and Design of Signal Poles | Investigation and development of analysis and design modifications to NYCDOT standard traffic signal poles and foundations. | New York City Dept. of Transportation | 44,462.26 | fee | 3/28/2009 | Yes |
| NYCDOT On-Call - Transit Signal Priority for M60 125th Street to LaGuardia Airport (Phase 1) | This project studied, designed, and deployed a Transit Signal Priority system for M60 Select Buses along approximately seven miles of roadway primarily on 125th Street in Manhattan and Astoria Boulevard to LaGuardia Airport in Queens. The project also included traffic engineering and analyses to optimize the signal timings along the corridors. | New York City Dept. of Transportation | 287,930.37 | fee | 4/26/2018 | Yes |
| NYCDOT On-Call - Transit Signal Priority for Main Street and Kissena/Parsons Boulevard | Study and design a Transit Signal Priority system for buses along Main Street and Kissena/Parsons Boulevard in Queens, NY. | New York City Dept. of Transportation | 391,287.45 | fee | 6/15/2020 | Yes |
| NYCDOT On-Call - Transit Signal Priority for Merrick Boulevard | Study, design and deployment of a Transit Signal Priority (TSP) system on approximately 3.6 miles, incorporating 26 intersections, to address transportation and traffic issues along the Q5 Local and Limited bus route on Merrick Boulevard, Queens. | New York City Dept. of Transportation | 366,809.88 | fee | 3/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Transit Signal Priority System for Hillside Avenue | The NYCDOT was interested in investigating the possibility of implementing TSP between 165th Street and Braddock Avenue on Hillside Avenue. This was a 3.3-mile-long roadway segment and included 47 signalized intersections within the proposed study | New York City Dept. of Transportation | 972,287.87 | fee | 7/30/2020 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Hylan Boulevard | This project involved the study, design and deployment of a TSP system on approximately 14 miles of roadway, incorporating 71 intersections as part of the NYCWIN Bus Rapid Transit (BRT) project. GPI was responsible for the development of a comprehensive field data collection program, traffic engineering and analysis to optimize the signal timings along the corridor and development of the Aimsun simulation model to evaluate the best method to implement TSP along the route and maximize its | New York City Dept. of Transportation | 827,981.91 | fee | 4/30/2019 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Lower Manhattan | Study, design and deployment of a Transit System Priority (TSP) system on approximately two miles of multiple roadways, incorporating 34 intersections as part of the 1st and 2nd Avenue Bus Rapid Transit (BRT) project. | New York City Dept. of Transportation | 347,136.43 | fee | 1/8/2015 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Nostrand Avenue | This project involved the study, design and deployment of a TSP system on approximately 4.4 miles of roadway, incorporating 35 intersections as part of the NYCWIN Bus Rapid Transit (BRT) project. The project also involved the development of a comprehensive field data collection program, traffic engineering and analysis to optimize the signal timings along the corridor and development of the Aimsun simulation model to evaluate the best method to implement TSP along the route and maximize its | New York City Dept. of Transportation | 485,479.09 | fee | 12/19/2017 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Transit Vehicles in Lower Manhattan, Assignment 38 | Study, design and deployment of a Transit System Priority (TSP) system on approximately two miles of multiple roadways, incorporating 34 intersections as part of the 1st and 2nd Avenue Bus Rapid Transit (BRT) project. | New York City Dept. of Transportation | 35,740.15 | fee | 11/29/2013 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---------------------------------------|--------------------|----------------------------|-----------------|---|
| NYCDOT On-Call - Transit Signal Priority System for Utica Avenue | This project involved the study, design and deployment of a TSP system on approximately four miles of roadway, incorporating 53 intersections as part of the NYCWIN Bus Rapid Transit (BRT) project. GPI was responsible for the development of a comprehensive field data collection program, traffic engineering and analysis to optimize the signal timings along the corridor and development of the Aimsun simulation model to evaluate the best method to implement TSP along the route and maximize its | New York City Dept. of Transportation | 361,361.34 | fee | 4/27/2020 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Utica Avenue, Phase 2 | This was the continuation and expansion of the traffic study, design, and deployment of a Transit Signal Priority (TSP) system on approximately 5.7 miles, incorporating 65 intersections, to address transportation and traffic issues along the B46 SBS corridor in Brooklyn, NY. | New York City Dept. of Transportation | 404,781.36 | fee | 5/1/2020 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Victory Boulevard Extension | This project involved the study, design and deployment of a TSP system on approximately six miles of roadway, incorporating 33 intersections as part of the NYCWIN Bus Rapid Transit (BRT) project. | New York City Dept. of Transportation | 300,848.75 | fee | 4/9/2020 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Webster Avenue | Study, design and deployment of a Transit System Priority (TSP) system on approximately five miles of multiple roadways, incorporating 67 intersections, to address transportation and traffic issues along the planned Bx41 Webster Avenue Select Bus Service (SBS) corridor in the Bronx, NY. | New York City Dept. of Transportation | 783,921.00 | fee | 1/18/2019 | Yes |
| NYCDOT On-Call - Transit Signal Priority System for Webster Avenue, Utica Avenue, Hylan Boulevard, and Nostrand Avenue | GPI conducted data collection and traffic engineering/analysis and simulation to account for field circumstances and evolving requirements of the NYCDOT in support of its implementation of Transit Signal Priority on multiple corridors. | New York City Dept. of Transportation | 242,907.53 | fee | 10/27/2015 | Yes |
| NYCDOT On-Call - West Hudson Reservoirs Speed Study | The project involved the study of speed limits on New York City owned roadways circumnavigating six mid-state reservoirs west of the Hudson River. | New York City Dept. of Transportation | 247,914.99 | fee | 12/31/2009 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| NYCDOT Pedestrian Ramp Inventory and Analysis Application | This project involved working with the New York City Dept. of Transportation to develop a custom application to perform an analysis of slopes, distance and other appurtenances for pedestrian ramps in New York City to determine compliance under the Americans with Disabilities Act (ADA). The project involved an initial task to confirm data collection and survey methodology, develop a corresponding data extraction and database population workflow, and coordination with DOT and a technology vendor to develop a quality assurance program on a control set of 200 ramps. A citywide effort followed that included review and comparison of a comprehensive mobile LiDAR dataset in all five boroughs with a subset of sample locations surveyed utilizing terrestrial LiDAR. The purpose of this effort was to ensure that accuracy | New York City Dept. of Transportation | 899,084.74 | fee | 4/13/2020 | Yes |
| NYCEDC On-Call/Task Order - Brooklyn-Queens Connector III | This project was part of the planning process for the proposed Brooklyn-Queens modern streetcar connector (BQX) running along 16 miles of the Brooklyn-Queens waterfront. The project was intended to stimulate economic development and revitalization along the corridor. GPI's role included a preliminary TSP analysis for 35 complex intersections along the route. The analysis employed a custom version of the Aimsun microscopic traffic simulation model developed specifically for TSP implementations within New York City by GPI. As a result of this work, GPI was designated as part of the team to develop the EIS for this project and will apply Aimsun modeling to analyze transit operations along the | New York City Economic Development Corporation | 165,568.00 | fee | 9/19/2017 | Yes |
| NYCWiN Transit Signal Priority Project for Bx12 Fordham Road Select Bus Service | NYCDOT plans to study and develop a NYCWiN based Transit Signal Priority (TSP) system to address transportation and traffic issues along the Bx12 bus route in the Bronx. This route traverses W. 207th Street in Manhattan and Fordham Road and Pelham Parkway in the Bronx connecting Inwood in Manhattan to Co-op City in the Bronx | New York City Dept. of Transportation | 832,800.01 | fee | 12/30/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| NYSBA System-Wide Automatic Incident Detection | This project required the design of an automatic incident detection system in order to provide real time detection of incidents and accidents along the approaches of the Kingston-Rhinecliff, Newburgh-Beacon, and Mid-Hudson Bridges. The project provided 32 fixed detection cameras and three PTZ cameras for monitoring and surveillance at the traffic management center. | New York State Bridge Authority | 900,000.00 | | 11/8/2018 | Yes |
| NYSDOT Operation of the INFORM Traffic Management System Services | GPI is providing personnel, in conjunction with NYSDOT staff, to operate the electronic traffic information and management systems at its Transportation Management Center known as INFORM (Information FOR Motorists), covering over 320 center line miles of roadways on Long Island in Nassau, Suffolk, and Queens Counties. The purpose of this project is to maintain the existing 24/7/365 operations of INFORM. | New York State Dept. of Transportation | 2,538,964.79 | fee | 9/1/2023 Est. | Progressing on time/budget |
| NYSDOT Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements in Nassau County. | New York State Dept. of Transportation | 42,922.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| NYSDOT Traffic Signal Requirements Contracts XXVII & XXVIII | GPI redesigned and rebuilt 27 existing NYSDOT signalized intersections conforming to NYSDOT standards and specifications. This effort continued GPI's support of past NYS traffic signal rebuilds and included new signal poles, vehicular and pedestrian signal heads, controller cabinet locations, conduit | New York State Dept. of Transportation | 394,172.00 | fee | 8/16/2013 | Yes |
| NYSTA Woodbury E-Z PASS ITS | Developed plans and specifications for the development of high speed E-ZPass lanes at the NYSTA Woodbury toll plaza. GPI developed exclusive E-ZPass toll lanes and lighting, E-ZPass layout, ITS, civil, and survey for plan and specifications. | New York State Thruway Authority | 159,500.00 | fee | 1/1/2007 | Yes |
| NYSTA Woodbury E-Z PASS Lighting | Developed plans and specifications for the development of high speed E-ZPass lanes at the NYSTA Woodbury toll plaza. GPI developed exclusive E-ZPass toll lanes and our tasks included lighting, E-ZPass layout, Civil Survey, for plan and | New York State Thruway Authority | 22,500.00 | fee | 1/1/2007 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Office Engineer for Sandy Reconstruction | The City of New York retained GPI to supply office engineers to efficiently manage the records of the emergency contracts to repair the damage caused by Superstorm Sandy. | New York City Dept. of Transportation | 1,233,574.00 | fee | 9/29/2017 | Yes |
| Old Country Road CCTV Incident Management | GPI designed a new CCTV traffic incident management system to maximize the efficiency of traffic flow along Old Country Road. The installation of this closed-circuit camera system, which consisted of approximately 15 camera sites, allows County staff to quickly identify impediments to traffic flow, and be able to quickly remove the impediment and make any necessary adjustments to signal timing to account for | Nassau County Dept. of Public Works | 159,177.00 | fee | 9/1/2006 | Yes |
| Old Country Road Signal Head Replacement, Phase 1 | This project provided the design and PS&E plans to construct and upgrade signalized intersections, overhaul outdated equipment, install new fiber optic communication interconnect, and install upgraded displays on the Old Country Road corridor for improved safety and efficiency through the use of new | Nassau County Dept. of Public Works | 193,651.68 | fee | 1/3/2014 | Yes |
| On-Call Civil Engineering and Site Development Design and Support Services | GPI is providing the development of studies and recommendations, surveying, design plans, construction estimates and special specifications for roads, bridges, parks, drainage facilities and various County infrastructure on an on-call basis. | Nassau County Dept. of Public Works | 404,105.00 | fee | 3/31/2023 Est. | Progressing on time/budget |
| On-Site Engineering LaGuardia Airport | Provided technical traffic support services on-site at LaGuardia Airport. | Port Authority of New York & New Jersey | 285,200.00 | fee | 4/30/2002 | Yes |
| On-Site Traffic Signal Inspectors | GPI provided on-site signal inspectors to oversee county contractors in the installation, modification, and repair of traffic signals throughout the county. | Nassau County Dept. of Public Works | 100,000.00 | fee | 4/15/2016 | Yes |
| Overhead Sign Replacement on NJ-495 Eastbound Approach | The primary objective for this contract was to prepare a Stage I design report outlining the various components associated with replacing a number of deteriorating static signs mounted on bridge structures spanning the NJ-495 eastbound approach | Port Authority of New York & New Jersey | 74,654.00 | fee | 12/31/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|--|---|---|--------------------|----------------------------|-----------------|---|
| PA TB&T Technical Design Support Specialist | GPI provided professional traffic engineering design services for both capital contracts and various work orders at any TB&T facility where services were deemed necessary by PANYNJ staff for a period of <u>18 months.</u> | Port Authority of New York & New Jersey | 378,100.00 | fee | 4/4/2013 | Yes |
| Pan Am Road Pavement Rehabilitation | The objective of this contract was to develop contract documents specific to traffic engineering aspects in connection to the pavement rehabilitation of Pan Am Road at JFK International Airport. | Port Authority of New York & New Jersey | 122,900.00 | fee | 7/1/2014 | Yes |
| Parking Modifications to Village Parking Lot C | GPI developed a conceptual plan to increase the parking within Municipal Parking Lot C. | Village of Sag Harbor | 2,000.00 | fee | 5/1/2018 | Yes |
| Pavement Marking and Traffic Signal Maintenance Contract Development | Technical support services were provided on an as-required basis including development of traffic signal maintenance and pavement marking installation contracts for PANYNJ facilities. | Port Authority of New York & New Jersey | 91,000.00 | fee | 5/19/2015 | Yes |
| Pavement Marking Constructability Review | GPI conducted a constructability review of permanent pavement marking contract drawings developed by other NCDPW consultants corresponding to ongoing <u>resurfacing contracts.</u> | Nassau County Dept. of Public Works | 30,500.00 | fee | 10/3/2014 | Yes |
| Pavement Marking Contract Development | Developed contract provisions for the installation and removal of pavement markings at PA NY & NJ | Port Authority of New York & New Jersey | 139,800.00 | fee | 2/11/2010 | Yes |
| Pedestrian Countdown Timers | GPI provided one office engineer on a part-time basis to the New York City Dept. of Transportation to provide MURK documentation support for a construction project that installed pedestrian <u>countdown timers throughout the five boroughs.</u> | New York City Dept. of Transportation | 107,662.90 | fee | 8/24/2019 | Yes |
| Pedestrian Safety Action Plan - Design of Pedestrian Poles and Buttons | Region 10 is preparing contract plans to replace non-conforming sidewalk curb ramps. GPI is designing pedestrian signal poles and buttons that need to be relocated to ensure compliance with reconstructed <u>ramps.</u> | New York State Dept. of Transportation | 42,614.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal | New York State Dept. of Transportation | 10,269.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 27 in Nassau County. | New York State Dept. of Transportation | 15,587.00 | fee | 12/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|--|--------------------|----------------------------|-----------------|---|
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 25A in Suffolk County. | New York State Dept. of Transportation | 23,440.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 27 in Nassau County. | New York State Dept. of Transportation | 24,072.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 107 in Nassau County. | New York State Dept. of Transportation | 33,485.00 | fee | 3/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements in Nassau County. | New York State Dept. of Transportation | 33,740.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 25A in Suffolk County. | New York State Dept. of Transportation | 35,926.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 25A in Suffolk County. | New York State Dept. of Transportation | 38,867.00 | fee | 3/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 25A in Suffolk County. | New York State Dept. of Transportation | 43,833.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 27 in Nassau County. | New York State Dept. of Transportation | 50,928.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 107 in Nassau County. | New York State Dept. of Transportation | 51,010.00 | fee | 3/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on NY 25A in Suffolk County. | New York State Dept. of Transportation | 54,239.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements on I-495 service road intersections in | New York State Dept. of Transportation | 56,416.00 | fee | 12/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Pedestrian Safety Action Plan - Pedestrian Signal Design | Based on Survey 123 recommendations, Region 10 requested improvements at ten signalized intersections to improve pedestrian safety along NY 27 in Nassau County. The improvements include installing new pedestrian signal heads, accessible pedestrian signals and push buttons. ADA curb ramps will be upgraded as needed in accordance with TSMI 17-02, Applicability of ADA Guidelines to PSAP | New York State Dept. of Transportation | 66,060.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | As part of PSAP, Region 8 requested that GPI inventory assets at 14 signalized intersections, assess existing conditions, recommend pedestrian-related improvements, design DOT-approved improvements and assemble the design plans into a <u>complete PS&E ready set of plans.</u> | New York State Dept. of Transportation | 76,811.29 | fee | 2/26/2020 | Yes |
| Pedestrian Safety Action Plan - Pedestrian Signal Design | Based on GPI's field assessment and recommendations under other PSAP assignments, Region 10 requested that GPI design three signals and signal warrant studies at seven other | New York State Dept. of Transportation | 173,829.00 | fee | 12/30/2022 | Progressing on time/budget |
| Pedestrian Safety Action Plan - Survey 123 Assessment of Signalized Intersections | As part of PSAP, Region 8 requested consultant support for survey, assessment and recommendations for 45 signalized intersections. | New York State Dept. of Transportation | 34,019.56 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Survey 123 Assessment of Signalized Intersections | As part of PSAP, Region 10 requested consultant support for survey, assessment and recommendations for up to 481 signalized intersections in Nassau and Suffolk Counties. | New York State Dept. of Transportation | 181,293.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Survey 123 Assessment of Signalized Intersections | As part of the Pedestrian Safety Action Plan (PSAP), GPI is providing support for survey, assessment, and recommendations for up to 550 signalized intersections in Nassau and Suffolk Counties. This is being accomplished by conducting field assessments <u>utilizing the Survey 123 for signalized intersections.</u> | New York State Dept. of Transportation | 188,860.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan - Survey 123 Assessment of Signalized Intersections | As part of PSAP, Region 8 requested consultant support for survey, assessment, and recommendations for up to 423 signalized intersections in Nassau and Suffolk Counties. | New York State Dept. of Transportation | 219,330.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Pedestrian Safety Action Plan (PSAP) - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements in Nassau County. | New York State Dept. of Transportation | 47,371.00 | fee | 12/30/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| Perimeter Bird Netting | GPI designed Maintenance and Protection of Traffic(MOT)schemes for the cleaning, sanitizing and installation of new bird netting on the perimeter walls of the Port Authority Bus Terminal, located in <u>Manhattan, NY.</u> | Port Authority of New York & New Jersey | 46,800.00 | fee | 1/6/2005 | Yes |
| Port Authority CAD Support Services | GPI coordinated delivery of CAD services by subconsultant under our call-in contract with Traffic Engineering. | Port Authority of New York & New Jersey | 2,800.00 | fee | 12/31/2009 | Yes |
| Port Authority TB&T Training | GPI provided training to Port Authority personnel on establishing and operating temporary traffic control zones within toll areas at bridge and tunnel facilities. Training was provided for general incident response, <u>installation of devices and general traffic safety.</u> | Port Authority of New York & New Jersey | 3,800.00 | fee | 6/30/2006 | Yes |
| Port Authority Vertical Criteria Signing Policy Proj Nev hap per M. Salatti | GPI developed comprehensive criteria for establishing minimum vertical clearances and a low clearance signing policy for implementation at Port Authority facilities. The vertical clearance criteria and signing policy was established based on regulatory requirements for the various jurisdictions at the <u>facilities and current industry best practices</u> | Port Authority of New York & New Jersey | 63,100.00 | fee | 6/30/2010 | Yes |
| Port Newark - Rail COFC Operation, Stages 1, 2 and 3 | Provided planning and preliminary design services in connection with a proposed container on flat car (COFC) operation at the New Jersey Marine | Port Authority of New York & New Jersey | 236,600.00 | fee | 9/30/2002 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| Port Newark / Elizabeth Port Marine Terminals (PN-EP) Speed and Safety Study | The objective of this project was to conduct a comprehensive speed and safety study and recommend regulatory and advisory speed limits for roadways within Port Newark–Elizabeth Port Marine Terminals. A vast majority of roadway users to these facilities were heavy duty trucks. Thus, special considerations were given to evaluate the truck roll-over issues while conducting assessments along the horizontal curves within this project. Crash investigations utilizing PA CRASH System, safe stopping sight distance assessments, ball-banking surveys, spot-speed surveys and ATR speed surveys were conducted as a part of this assessment. The latest 2009 AASHTO/MUTCD guidelines were followed, and GPS-based electronic ball bank indicator and the Curve Advisory Reporting Service were used for all study locations. In all, more than 27 curve locations and about 20 roadway segments were assessed to develop a speed limit map that served as | Port Authority of New York & New Jersey | 89,850.00 | fee | 1/29/2019 | Yes |
| Port Newark / Port Elizabeth Marine Terminal Port Street Corridor Improvement Project Reconfiguration of Kellogg and Marlin Street | The objective of this contract is to develop Stage III contract documents specific to the realignment and widening of Kellogg Street and widening of Marlin Street. This project involves traffic, electrical, civil, and structural engineering design services. Stage IV construction support services were also included. | Port Authority of New York & New Jersey | 12,300,000.00 | | 4/1/2020 | Yes |
| Port Newark Electrical Power Evaluation | On-site investigation to check the power supply and set up of a monitoring program that identified the problems and developed solutions. | Port Authority of New York & New Jersey | 30,000.00 | fee | 8/28/2002 | Yes |
| Port Newark Technical Support - Fire Pump House Parking Lot Redesign | Project included guide rail design, parking lot layout plans and an evaluation of the proposed vehicular routing through the project site. | Port Authority of New York & New Jersey | 22,500.00 | fee | 10/15/2003 | Yes |
| Port Newark Technical Support, Miscellaneous Projects - Video Detector Installation | Technical support services on miscellaneous Port Newark and Port Elizabeth traffic projects. Project included guide rail design, parking lot layout plans and an evaluation of the proposed vehicular routing through the project site. | Port Authority of New York & New Jersey | 285,900.00 | fee | 12/30/2002 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| Port Newark Traffic Count Survey (Marine Terminals) | Derive site specific seasonal and monthly traffic variation factor for Port Newark and Elizabeth Marine Terminals, based on its cargo/shipping activities. | Port Authority of New York & New Jersey | 225,800.00 | fee | 1/30/2002 | Yes |
| Port Newark-Port Street Corridor Improvements | GPI's Babylon office provided traffic engineering, electrical engineering, coordination, QA, and CSS for the Port Newark – Port Street Corridor Improvements Project. | Port Authority of New York & New Jersey | 68,000,000.00 | | 9/20/2018 | Yes |
| Port Street Corridor Improvement Project FHWA Grant Application & Traffic Data Analysis | As design progressed on the Port Street Corridor Improvement (PSCI) contract, the Authority decided to apply for an FHWA INFRA Grant to partially fund the PSCI project and had to incorporate certain changes into the contract drawings to make them acceptable and conform to federal guidelines. | Port Authority of New York & New Jersey | 286,058.39 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Port Street Corridor Improvement Project Redesign and Restaging | GPI restaged and redesigned the previous Port Street corridor improvement project as necessary due to changes in the proposed construction sequence. | Port Authority of New York & New Jersey | 119,076.72 | fee | 4/1/2020 | Yes |
| Post Avenue Traffic Calming Improvements | Traffic engineering services in connection with the preparation of design drawings for the implementation of traffic calming improvements along the corridor of Post Avenue within the Village of Westbury. | Village of Westbury | 250,000.00 | | 4/1/2009 | Yes |
| Preliminary and Final Design Services for the Queens Boulevard Vision Zero Infrastructure | GPI is preparing the final traffic signal contract drawings for 16 signalized locations along Queens Boulevard between Roosevelt Avenue to 73rd Street. Efforts include coordinating the design criteria with NYCDOT, conducting a field survey of existing signalized equipment, archival search for property lines, development of base drawings, preliminary and final signalized plan development, as well as specification. GPI will continue preparing the final contract drawings for Segments 2 through 4 following the design of this Segment. In all, GPI will redesign the 60+ signalized intersections along the Queens Boulevard corridor for a length of 6.5 miles. | New York City Dept. of Design and Construction | 320,614.00 | fee | 9/20/2023 Est. | Progressing on time/budget |
| Professional Design Services for Condition Assessment Survey & Report for Buildings 146 and 151 - JFK Airport | GPI's role will be overall contract management and invoicing for this effort to perform a condition assessment and prepare a report for Building 146 and another for Building 151. | Port Authority of New York & New Jersey | 4,369.00 | fee | 12/31/2019 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| Professional Design Services for Condition Assessment Survey & Report for Buildings 6, 129, 262 and 267 - JFK Airport | GPI's role will be overall contract management and invoicing for this effort to perform a condition assessment and prepare a report for the buildings, which are segregated into Group A (Buildings 6, 129 and 262) and Group B (Building 267). | Port Authority of New York & New Jersey | 4,324.00 | fee | 12/31/2019 | Yes |
| Professional Design Services for Stage 1 Roof Replacement Study for Building 27 - Teterboro Airport | GPI's role will be overall contract management and invoicing for this effort to investigate the replacement of the existing multi-level and leaking roofing system of Building 27 at Teterboro Airport and its impact on existing rooftop MEP equipment, electronics equipment and the overall structure. | Port Authority of New York & New Jersey | 2,176.00 | fee | 12/31/2019 | Yes |
| Professional Planning and Engineering Advisory Services to Village of Hempstead Community Development Agency | GPI is providing professional planning and engineering advisory services to the Village of Hempstead Community Development Agency, to assist with evaluation of developer proposals/site plans. The review includes assessing the conformance of the site plan and related developer submissions with the Village Planning Code and Downtown Overlay Zone Article, and compliance with the Village's Community Benefits Agreement. | Village of Hempstead | 50,000.00 | fee | | |
| Professional Services for the Design and Construction Inspection for Street Lighting on Deshon Drive | GPI performed highway lighting design and construction inspection along Deshon Drive in Huntington, NY. The lighting design along Deshon Drive began with obtaining and/or confirming the criteria from the Town of Huntington as to the illumination levels that were required for the roadway, walkway, and intersections. GPI provided construction inspectors on a part-time basis and made daily visits to the construction site to observe the MPT setups, collect contractor attendance sheets, and verified and recorded the work progress of the previous day. | Town of Huntington | 28,535.87 | fee | 3/30/2020 | Yes |
| Project Development for NYS Route 110 BRT System Project | This project includes preliminary engineering and environmental documentation for the proposed NYS Route 110 Bus Rapid Transit (BRT). GPI will conduct traffic analysis, identify intersections where transit signal priority can be provided, preliminary plans to support BRT shoulder running, and construction cost | Suffolk County Dept. of Economic Development and Planning | 354,446.40 | fee | 10/31/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|--|--|--------------------|----------------------------|-----------------|---|
| Q65 on College Point Boulevard / 164 Street, Assignment #22 | This project involves the study, design, and deployment of a TSP system on approximately 5.3 miles of roadway, incorporating 44 intersections as part of the NYCWIN Bus Rapid Transit (BRT) project. | New York City Dept. of Transportation | 765,153.26 | fee | 12/31/2022 | Progressing on time/budget |
| Reconstruction of CR 3 (Wellwood Avenue) Bridge over Southern State Parkway - Design Report | This project involved the reconstruction and widening of CR 3, Wellwood Avenue Bridge over the Southern State Parkway. Decision provided an acceptable level of service while improving traffic safety and structural integrity. Efforts included development of potential geometric improvement alternatives that addressed capacity, safety and substandard feature deficiencies. All studies and analyses were documented within a formal NYSDOT EPP report that was converted into a NEPA CASE II Final Design Report/Categorical | Suffolk County Dept. of Public Works | 5,000,000.00 | | 3/31/2002 | Yes |
| Region 10 PSAP Assignment #01 | NYSDOT Region 10 determined that eight locations with uncontrolled crosswalks required signalization to improve pedestrian safety. At six of the locations, three color traffic signals are being installed. Rectangular Rapid Flash Beacons are being installed at the other two locations. GPI is preparing final designs for construction of these improvements under a signal requirements contract | New York State Dept. of Transportation | 160,933.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Region 10 PSAP Assignment #02 | As part of the Pedestrian Safety Action Plan (PSAP), GPI is conducting a field inventory of uncontrolled crosswalks in NYSDOT Region 10 (Long Island) and is providing recommendations for the appropriate treatments to enhance pedestrian safety. This assignment includes preparing an aerial map for use in field inventory and becoming familiar with locations; conducting field inventory utilizing Survey 123 to place field assessment in NYSDOT ArcGIS; updating aerial photo with collected field data; and developing recommendations. In addition, GPI is providing QA/QC and management of subconsultants assisting with this effort | New York State Dept. of Transportation | 158,130.00 | fee | 12/30/2022 Est. | Progressing on time/budget |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|--|--------------------|----------------------------|-----------------|---|
| Region 10 PSAP Assignment #03 | As part of the Pedestrian Safety Action Plan (PSAP), GPI is preparing pedestrian safety improvements at six locations in the Hamlet of Bridgehampton. This includes providing the design and final plans to reconstruct two existing traffic signals and installation of new crosswalks, pedestrian signals, and ped | New York State Dept. of Transportation | 62,049.44 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Region 10 PSAP Assignment #04 | As part of the Pedestrian Safety Action Plan (PSAP), GPI is preparing final designs for construction at two locations in Suffolk County and analyzing the existing and proposed traffic signal operating along NY 24, a single stage and two stage crossing to improve pedestrian safety in NYSDOT Region 10 (Nassau and Suffolk Counties) | New York State Dept. of Transportation | 66,635.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Region 10 PSAP Assignment #08 | GPI is designing a new three-color signal with audible pedestrian signals, CD Timers, and ADA compliant ramps for an existing uncontrolled marked crosswalk located on Route 25A and Liberty Avenue. | New York State Dept. of Transportation | 22,128.10 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Region 10 PSAP Assignment #11 - Pedestrian Signal Design | As part of PSAP, Region 10 requested consultant support for the design of pedestrian signal improvements in Nassau County. | New York State Dept. of Transportation | 43,742.00 | fee | 6/30/2022 Est. | Progressing on time/budget |
| Region 10 PSAP Assignment #12 - Pedestrian Signal Design | This project involves planning, design, and engineering for improvements at nine signalized intersections to improve pedestrian safety along NY 25 in Nassau County. The improvements include installing new pedestrian signal heads, accessible pedestrian signals, and push buttons. ADA curb ramps are being upgraded as needed in accordance with TSMI 17-02, Applicability of ADA Guidelines to | New York State Dept. of Transportation | 52,045.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Region 8 PSAP Assignment #01 | As part of the Pedestrian Safety Action Plan (PSAP), GPI is conducting a field inventory of uncontrolled crosswalks in NYSDOT Region 8 (Hudson Valley) and is providing recommendations for the appropriate treatments to enhance pedestrian safety. | New York State Dept. of Transportation | 25,331.33 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Region 8 PSAP Assignment #03 | As part of the Pedestrian Safety Action Plan (PSAP), GPI conducted a field inventory of 111 uncontrolled crosswalks utilizing Survey 123 and provided recommendations for the appropriate PSAP treatment in NYSDOT Region 8 (Hudson Valley). | New York State Dept. of Transportation | 10,512.16 | fee | 6/30/2019 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|--|---|---|--------------------|----------------------------|-----------------|---|
| Region 8 PSAP Assignment #04 | As part of the Pedestrian Safety Action Plan (PSAP), GPI conducted a field inventory of approximately 119 signalized intersections to improve pedestrian safety at uncontrolled crosswalks and signalized intersections in NYSDOT Region 8 (Dutchess, Westchester, Putnam, and Rockland Counties). | New York State Dept. of Transportation | 407,568.00 | fee | 10/31/2019 | Yes |
| Rehabilitation of Center and Lemoine Avenue Bridges | This project involved the preparation of Stage III contract documents specific to GWB-244.204A, the rehabilitation of the Center and Lemoine Avenue Bridges. This included both maintenance of traffic and permanent traffic contract drawings for the I-95 mainline below the bridges and the topside deck replacement, and supplemental documents such as a signal reconstruction, construction cost estimate, list of required specifications, and modified Division 1 | Port Authority of New York & New Jersey | 190,000.00 | fee | 10/26/2018 | Yes |
| Rehabilitation of Center and Lemoine Avenue Bridges Development of Transportation Management Plan and Stage IV Construction Support Services | GPI provided a transportation management plan Stage IV construction support services throughout the duration of this contract. | Port Authority of New York & New Jersey | 169,944.00 | fee | 7/29/2019 | Yes |
| Rehabilitation of Center and Lemoine Avenue Bridges Traffic Data Collection Scope | GPI oversaw the data collection effort coinciding with traffic analyses that were being conducted for detour routes stemming from the rehabilitation of the Center and Lemoine Avenue Bridges. | Port Authority of New York & New Jersey | 1,201.39 | fee | 9/1/2017 | Yes |
| Rehabilitation of Fred Wehran Drive at Teterboro Airport | GPI provided traffic engineering services for the rehabilitation of this 2,200-ft-long access road at Teterboro Airport. The project included asphalt pavement reconstruction and overlay, construction of concrete curb, replacement of guide rail along the entire length, installation of new pavement markings and replacement of all traffic signs. | Port Authority of New York & New Jersey | 36,200.00 | fee | 12/31/2008 | Yes |
| Rehabilitation of Ramps 178 & 179, Bus Ramps and Bus Turnaround Additional Stage III Design Services and Development of Transportation Management Plan | GPI completed the outstanding Stage III bid documents and developed a transportation management plan. | Port Authority of New York & New Jersey | 129,500.00 | fee | 5/29/2019 | Yes |
| Renewal of Pavement Marking Requirements | GPI provided professional traffic engineering services in conjunction with the development of a pavement marking installation contract and associated support services. | Port Authority of New York & New Jersey | 33,642.00 | fee | 6/1/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|---|--------------------|----------------------------|-----------------|---|
| Replacement of Suspender Rope System and Rehabilitation of Main Cables Development of Transportation Management Plan & Stage IV Construction Support Services | GPI provided a transportation management plan Stage IV construction support services throughout the duration of this project. | Port Authority of New York & New Jersey | 185,794.00 | fee | 7/1/2021 | Yes |
| Re-routing Vehicles for Cypress Hills Cemetery Bridges over the Jackie Robinson Parkway | This fast-paced project involved the development of alternative detours for re-routing traffic during the closure of the Jackie Robinson Parkway, and the design of the Maintenance and Protection of Traffic (MPT) scheme, including all signs, control devices and VMS's required within the project limits for the | New York City Dept. of Transportation | 95,000.00 | fee | 4/30/2006 | Yes |
| Retiming Phase 2 (454, 107 & 231) | Prepared Synchro optimization files for various corridors. | New York State Dept. of Transportation | 27,776.00 | fee | 2/20/2015 | Yes |
| Rizzo Building and Remodeling - Off the Block Kitchen and Meats | Provided review of parking lot layout prepared by others for proposed development. | Rizzo Building and Remodeling | 2,500.00 | fee | 6/16/2015 | Yes |
| Rockaway Avenue Traffic Calming | This project involves conducting a traffic calming study to improve pedestrian safety and recommending measures to reduce speeding within the vicinity of the local high school. | Nassau County Dept. of Public Works | 46,584.20 | fee | 6/30/2022 Est. | Progressing on time/budget |
| Rockaway Boulevard Garage Relocation Traffic Study | GPI was requested by the Logan Bus Company to conduct two separate new traffic studies in connection with their on-going Rockaway Boulevard Garage Relocation project located in Queens, NY. | Logan Bus Company Inc. | 75,000.00 | fee | 4/30/2014 | Yes |
| Ronkonkoma HUB - Nicolls Road Corridor Parking Analysis | Performed an assessment of parking demand and opportunities for developing parking lots along the Nicolls Road BRT corridor to support BRT implementation and reduce parking demand at LIRR | Suffolk County Dept. of Economic Development and Planning | 66,838.00 | fee | 6/27/2017 | Yes |
| Round Swamp Road Traffic Engineering Design Services | This project involved the development of a traffic signal plan and four driver feedback devices, review of existing traffic signing deficiencies, and providing traffic calming recommendations in conformance with the Manual of Traffic Control Devices (MUTCD) | Town of Huntington | 23,848.00 | fee | 7/12/2012 | Yes |
| Round Swamp Road Traffic Safety Study | Review of the Round Swamp Road Traffic Safety Study prepared by the Town of Huntington for completeness and conformity with the MUTCD and other design standards. | Town of Huntington | 4,500.00 | fee | 5/31/2012 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| Route 110 Bus Rapid Transit Study | GPI prepared a study for the implementation of a Bus Rapid Transit System (BRT) on the Route 110 Corridor. Traffic data collection was required for the study, which included traffic counts, field geometry, signal timings, bus routing, ridership information, etc. Using this existing information, a "Baseline" micro-simulation traffic model was developed utilizing VISSIM software. This has helped us to study the realistic behavior of traffic operation and visualization of the traffic operational results. | Town of Babylon | 33,500.00 | fee | 12/1/2010 | Yes |
| Route 25 Timing INFORM | Performed traffic signal timing optimization utilizing Synchro along the Route 25 corridor in Nassau and Suffolk Counties. | New York State Dept. of Transportation | 66,650.00 | fee | 2/20/2015 | Yes |
| Routes 3 & 495 Interchange Concept Development | Vissim traffic simulation analyses were performed to evaluate alternative design concepts for the reconstruction of the Route 3 and Route 495 | New Jersey Dept. of Transportation | 193,011.52 | fee | 8/20/2020 | Yes |
| Rt. 25 @ Roxbury | Prepared PS&E traffic signal design plans for INFORM signal. | New York State Dept. of Transportation | 10,300.00 | fee | 2/9/2015 | Yes |
| Safety Improvements on Various County Roads, CR 101, Patchogue-Yaphank Road from Dunton Avenue to CR 99, Woodside Avenue | Evaluated five intersections with existing safety and operational concerns and developed various conceptual alternatives to improve these locations. Tasks included review of traffic data and growth forecasts for use in capacity and signal warrant | Suffolk County Dept. of Public Works | 24,999.00 | fee | 2/28/2015 | Yes |
| Safety System Investigations - Sign Service Requests (SSR's) | Engineering services by conducting traffic safety investigations to develop countermeasures to reduce accident potential and severity on the roadway | Port Authority of New York & New Jersey | 13,600.00 | fee | 5/5/2002 | Yes |
| Safety Voyager Application | This project involved developing a secure cloud-based application that displayed traffic crashes, AADT data, and ball-bank information in a map-based format for the State of New Jersey. | New Jersey Dept. of Transportation | 985,321.00 | fee | 5/22/2019 | Yes |
| School Crossing Pedestrian Counts, Assignment #23 | The City retained GPI to collect vehicle and pedestrian counts at upwards of 215 locations within the five boroughs. GPI, through its subconsultant, collected data at 215 locations through the use of video equipment and a post processing effort. The data was recorded and populated on city provided standard Volume Classification and Turning Counts | New York City Dept. of Transportation | 6,503.78 | fee | 4/30/2020 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|--|--|---|--------------------|----------------------------|-----------------|---|
| School Safety Project | The New York City Dept. of Transportation (NYCDOT) developed a school safety program for 75 "priority" schools that were located throughout New York City. The schools included in this program were primarily elementary and intermediate schools with an enrollment of at least 250 students. These schools were located in the vicinity where pedestrian and vehicular crashes were noted to be high. Under this program, GPI was assigned 29 schools to develop school safety reports and develop pedestrian safety improvement plans. The goal of this program was to improve pedestrian safety at and around the selected priority schools and provide various non-capital (short-term) and capital (long-term) recommendation | New York City Dept. of Transportation | 1,118,747.09 | fee | 12/30/2013 | Yes |
| Shinnecock Indian Nation Westwoods Casino Traffic and Environmental Analysis | NYS Office of General Services on behalf of the State Attorney General's Office retained GPI to provide professional engineering services in the preparation of EIS-type documents that were used in the Attorney General Office's litigation of the Shinnecock Indian Nation's application to build a casino and gaming resort in the Town of Southampton on Long Island | New York State Office of General Services | 523,557.00 | fee | 5/5/2007 | Yes |
| Signal Expansion Phase 10 | The purpose of this project is to prepare plans, specifications, and other related documents for the replacement of existing traffic signal control equipment, the installation of variable message signs (VMS), and traffic cameras which will connect to the County's existing communication infrastructure. | Nassau County Dept. of Public Works | 465,976.14 | fee | 1/31/2023 Est. | Progressing on time/budget |
| Signal Warrant Study - Rockaway Boulevard | GPI was responsible for all aspects of this traffic signal warrant study including traffic assessment, analysis and reporting. | Leonard J. Strandberg & Associates | 30,380.00 | fee | 9/30/2008 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|---|--|--------------------|----------------------------|-----------------|---|
| SIMS Advance Guidance Electronic Messaging System | This project involved performing data collection for signs along limited access highways within the city and developing an associated database for the sign data. The project also involved performing a data conversion test to determine the viability of a full-scale conversion of legacy sign data and included the completion of a technical system design and requirements document to be used for future procurement of a systems integrator to implement a | New York City Dept. of Transportation | 63,000.00 | fee | 6/30/2016 | Yes |
| Smart Streetlight RFEI Evaluation | This project involved the evaluation of function, efficiency, and effectiveness of various smart street lighting systems to assist NYCDOT with the operation and maintenance of the over 400,000 city owned luminaires. This included assessing vendors' response submittals to the City's RFEI, evaluating the vendors' presentations, and analyzing the field performance of selected systems during the pilot demonstration and testing period, with the goal of | New York City Dept. of Transportation | 126,266.74 | fee | 2/28/2020 | Yes |
| South Side High School Traffic Study | GPI conducted a traffic study on vehicle and pedestrian movement leaving the school grounds during dismissal time. Evaluating the safety and operational constraints and made recommendations to reduce circulation problems at the high school. Traffic volumes, turning movements, queues, and pedestrian activities were collected to identify areas of deficiency to generate recommendations for | Rockville Centre Public Schools | 4,500.00 | fee | 6/30/2008 | Yes |
| Southampton Commons Entrance Gate | Provided traffic engineering and planning services required for the conceptual study of an entrance gate to the Southampton Commons condominium development. | Anthony Scotti | 14,700.00 | fee | 12/31/2005 | Yes |
| Southern State Parkway (NY 908 M) Legislative Study | This project investigated existing conditions at interchanges along Southern Parkway per NYS Legislation and developed recommendations on reducing the likelihood of vehicles entering the parkway in the wrong direction. GPI was responsible for reviewing the existing geometry at every interchange and identifying ramps that had a high susceptibility of wrong way entries | New York State Dept. of Transportation | 237,341.00 | fee | 10/30/2020 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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| Southern State Parkway INFORM VMS | Designed a VMS sign structure over the Eastbound Southern State Parkway near Hempstead Avenue. | New York State Dept. of Transportation | 34,895.48 | fee | 12/31/2014 | Yes |
| Staten Island Bridges: 2018 Fall Data Collection Program | GPI teamed with Traffic Databank to conduct field observations and implement an extensive data collection program of major Staten Island and New Jersey roadways, intersections, and bi-state bridges. Data collection included turning movement counts (TMC), Automatic Traffic Recorder (ATR) counts, video classification counts and vehicle headways. Field observations were performed at various intersections to record traffic operations and provide physical inventories. The work was performed to support subsequent demand analyses and traffic simulation modeling (under a different project) to determine when demand would exceed the capacity of the Outerbridge Crossing and to identify capacity | Port Authority of New York & New Jersey | 108,442.00 | fee | 2/15/2019 | Yes |
| Statewide Traffic Signal Optimization | This project involves improving traffic flow along state highways via the re-timing of traffic signals. | New Jersey Dept. of Transportation | 55,797.01 | fee | 1/31/2014 | Yes |
| Steinway Street Bridge Construction Traffic Study | Traffic study of MPT alternatives and construction impacts to examine the potential traffic flow associated with lane closures on the Grand Central Parkway and parallel routes. | New York City Dept. of Transportation | 89,140.51 | fee | 5/31/2003 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|--|---------------------------------------|--------------------|----------------------------|-----------------|---|
| Structural Analysis of Traffic Light and Signal Poles | The project team provided a structural analysis of myriad of various combinations of streetlight poles and foundations. There were ten basic pole types being modeled and analyzed with different combinations of mast arms and equipment attached for a total of 86 distinct structural analysis configurations. Each of the pole types and loading configurations were checked for both structural capacity of the pole and overturning stability of the foundation. The pole foundations being evaluated included both poured in place and precast concrete foundation options. A corrosion analysis was performed for the standard transformer base for Type M-2 signal poles. Common deterioration patterns were reviewed during a field inspection. A structural analysis was performed based upon the conditions observed to determine the extent of corrosion that warranted the transformer base to be replaced. Methods to potentially slow down the corrosion | New York City Dept. of Transportation | 376,126.00 | fee | 7/8/2019 | Yes |
| Suffolk County Closed Loop Signal Project (Design Authorization 2) | Expansion of the installation of microcomputer signal controllers on Suffolk County arterials. Interconnect infrastructure to be installed to provide central surveillance and control capabilities from the County's control center in Yaphank via an outsourced cable | Suffolk County Dept. of Public Works | 908,587.09 | fee | 12/30/2017 | Yes |
| Suffolk County Closed Loop Signal Project (Design Authorization 3) | This project will install new microcomputer controllers, cabinets, communications equipment on County roads and shall connect all required signals to a closed loop signal system operated out of the County's Traffic Engineering office in Yaphank. This project will implement central communications and control at 260 intersections on 18 Suffolk County | Suffolk County Dept. of Public Works | 1,310,038.00 | fee | 6/30/2022 Est. | Progressing on time/budget |
| Suffolk County Closed Loop Signal Project Construction Inspection, Phases 2 through 9 | Development of a closed loop signal system to control all Suffolk County traffic signals. | Suffolk County Dept. of Public Works | 10,367,478.00 | | 12/31/2022 Est. | Progressing on time/budget |
| Suffolk County Closed Loop Signal Projects | Development of a closed loop signal system to ultimately control all Suffolk County traffic signals. | Suffolk County Dept. of Public Works | 736,655.00 | fee | 12/30/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|---|---|--------------------|----------------------------|-----------------|---|
| Superstorm Sandy Emergency Services | GPI provided assistance in the debris removal effort by auditing the volume of material hauled and providing expertise in tree assessments. In addition, GPI supported the FHWA and FEMA reimbursement efforts for emergency and permanent repair to the County's extensive signal system that was damaged. The Signal Management System developed by GPI was utilized to track and manage the electrical contractor's work orders and records. All information was linked in the system via GIS mapping to identify FAUS roadway identification and preparation of the DDIR reimbursement forms of the approximately 300 | Nassau County Dept. of Public Works | 280,000.00 | fee | 2/17/2015 | Yes |
| Suspender Rope System and Rehabilitation of Main Cables | Prepared Stage III contract documents specific to GWB-244.048, the replacement of the bridge's suspender rope system and rehabilitation of the main | Port Authority of New York & New Jersey | 187,700.00 | fee | 2/7/2018 | Yes |
| Technical Support and Contract Development Services | Technical support services on an as-required basis including development of design guidelines and installation and maintenance contracts for the PA NY | Port Authority of New York & New Jersey | 74,428.20 | fee | 8/8/2014 | Yes |
| Technical Support Maintenance Contracts | GPI provided technical services to develop a facility-wide pavement marking installation contract, a traffic signal maintenance contract for JFK Airport and provided technical services for the maintenance and operation of ITS equipment at JFK Airport. | Port Authority of New York & New Jersey | 83,900.00 | fee | 12/13/2013 | Yes |
| Temporary Traffic Control TTC Training | GPI provided Temporary Traffic Control (TTC) training to Suffolk County engineering and management staff using the 2003 Edition of the USDOT FHWA MUTCD. | Suffolk County Dept. of Public Works | 2,698.79 | fee | 6/30/2005 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|--|--------------------|----------------------------|-----------------|---|
| Term Agreement for Traffic Signal Timing and Arterial Optimization | The goal of this project is to assist NYSDOT Regions 4, 5 and 6 in improving their traffic signal timing thus, maximizing the use of available roadway capacity. The overall contract envisions the development of timing plans along various corridors to improve the service to the traveling public while improving safety, maximizing signal timing efficiency, coordinating signal timing, and reducing the overall delay on these arterials. A primary objective of this project is to create optimum traffic flow patterns, thereby reducing vehicle delay, vehicle stops, fuel consumption, and vehicle emissions. This is being achieved with the development of innovative timing plans through the use of the Synchro traffic signal optimization program. Other computer programs, such as SIMTraffic (Synchro's companion modeling program), may prove to be beneficial and augment the Synchro program, as needed, to optimize traffic signal timing. Project deliverables include turning movement volume counts, ATR count data, time-space diagrams, traffic signal coordinated timing plans, project design and summary reports with MOE's and Synchro data files for the project intersections. All information will be in | New York State Dept. of Transportation | 567,029.00 | fee | 4/30/2023 Est. | Progressing on time/budget |
| The Vineyards Traffic Study | GPI performed a traffic study for the construction of 348-unit detached elderly housing complex at an existing United Artists theatre site. The project involved performing traffic counts, field inventory, preparing traffic volume network, conducting capacity analysis, trip generation and assignments, mitigation measures and preparing a study report. Expert testimony was also required for the project | Town of Brookhaven | 15,542.00 | fee | 10/25/2005 | Yes |
| Throgs Neck Bridge Traffic Engineering Technical Support | GPI designed maintenance of traffic contract drawings for lane closures at various locations on the Throgs Neck Bridge. | Hellman Electric Corporation | 20,124.00 | fee | 10/31/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|-------------------------------------|--------------------|----------------------------|-----------------|---|
| TIGER II Riverhead Grant Application | GPI developed the application for a federal TIGER II grant for construction of the Engel Burman Group Freight Village at the Calverton Enterprise Park (EPCAL) site in Calverton, Long Island in close coordination with the Town of Riverhead and its <u>Community Development Agency</u> . | The Engel Burman Group | 20,000.00 | fee | 8/22/2010 | Yes |
| TMC Operations Personnel Phase 2 | This project provided full-time operations personnel to staff the County's Traffic Management Center (TMC) facility in Westbury, NY on a 24 hour per day, 7 day per week basis. | Nassau County Dept. of Public Works | 1,549,717.00 | fee | 2/28/2020 | Yes |
| TMC Operations Personnel Phase 3 | GPI has been the prime consultant to provide full-time, 24/7 operations personnel to staff the Nassau County Traffic Management Center (TMC) facility in Westbury, NY, since the TMC's inception in 2014. Personnel report to the TMC on a daily basis directly to the Department's Traffic Engineering Unit's project manager. Services include performing the daily functions of the TMC, general engineering and operational services related to the TMC, traffic signal timing assignments, and intelligent transportation | Nassau County Dept. of Public Works | 1,415,664.00 | fee | 12/31/2023 Est. | Progressing on time/budget |
| TOH Phase II Design Approval | GPI is assisting the Town with preparation of miscellaneous documentation required by NYSDOT related to the Federal Grant awarded to the Town. The documentation will be prepared based on the documents from the initial phase of this project, our understanding of the Federal Aid process, our experience on similar projects of this nature and the specific requirements for this project as stated in the funding application that GPI prepared for the Town in 2004. | Town of Hempstead | 15,000.00 | fee | 1/30/2009 | Yes |
| Town of Brookhaven Sign Management Technical Support | GPI assisted the Town with the preparation of documents and information required by NYSDOT for initiation of the Sign Management Program. The various technical support tasks were required for release of \$1.25M Federal Aid for replacement of traffic signs and development of a Sign Management | Town of Brookhaven | 23,000.00 | fee | 9/3/2009 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Town of Brookhaven Traffic Sign Inventory | GPI was hired by the town to develop an inventory program and perform the field data collection for all Town-owned signs. Sign data was utilized to develop a comprehensive database of sign locations and properties for implementation of a management program to track compliance with current standards for minimum sign retroreflectivity. | Town of Brookhaven Dept. of Traffic/Safety | 765,000.00 | fee | 2/11/2015 | Yes |
| Town of Hempstead Street Name Sign Replacement and Upgrade - Construction Management and Inspection | This project involved the second phase of a Federal Aid project to upgrade traffic signs to meet minimum current standards for minimum retroreflectivity. | Town of Hempstead | 123,000.00 | fee | 12/31/2012 | Yes |
| Town of Smithtown Sign Inventory | GPI assisted the Town with the development and implementation of a plan to meet the requirements of recently adopted New York State law for sign retro-reflectivity. The plan included the purchase of equipment to measure sign properties, establishment of a methodology to collect and organize sign information, selection of a database format to maintain sign data and development of training for required future efforts. | Town of Smithtown | 15,000.00 | fee | 4/30/2009 | Yes |
| Town of Smithtown Signal Progression | Traffic signal timing optimization for the three corridors in Smithtown. | Town of Smithtown | 33,300.00 | fee | 3/31/2009 | Yes |
| Traffic Access and Pier Circulation Study at the Port Jefferson Ferry Terminal | GPI was retained to assess existing staging operations and quantify the potential shortfall of vehicle stacking/holding capacity requirements on the pier and within the ferry terminal. The ferry operation consisted of three ferry boats that were presently in service, two could accommodate about 120 vehicles, while the smaller ferry boat could accommodate about 95 vehicles. The final report considered existing ferry terminal operations, vehicle stacking/holding capacity, pedestrian conflicts, as well as pick-up and drop-off | Bridgeport & Port Jefferson Steamboat | 20,320.00 | fee | 9/21/2017 | Yes |
| Traffic Conditions Related to Canon, U.S.A., Inc. | Comprehensive traffic impact assessment associated with the already constructed Canon U.S.A., Inc. headquarters building. This traffic impact assessment could be considered an "After Study" that mainly focused on the effectiveness of mitigation measures that were proposed and implemented on the surrounding roadway system as a result of this project | Town of Huntington | 59,980.00 | fee | 10/31/2014 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|--|---|--------------------|----------------------------|-----------------|---|
| Traffic Data Collection and Highway Safety Studies, Various Routes, Various Towns | This project involved supplementing NYSDOT staff to collect and analyze traffic data at high-accident locations to respond to constituent requests for new or modified traffic control devices. In addition, detailed crash analyses were conducted at high-accident locations to identify crash patterns in accordance with NYSDOT's Highway Safety Investigation Procedure | New York State Dept. of Transportation | 25,250.00 | fee | 3/31/2018 | Yes |
| Traffic Engineering CAD Support | Computer-aided design (CAD) and drafting services for a variety of traffic initiatives over a four-month | Port Authority of New York & New Jersey | 5,300.00 | fee | 10/31/2012 | Yes |
| Traffic Engineering Consulting Services | GPI conducted a peer review of the Traffic Impact Study (TIS) for the proposed 204,165 sq ft warehouse (Amazon Facility) located at the northeast corner of Robbins Lane and Miller Place Road (I-495 North Service Road) in Syosset. The Syosset School District required that we review, analyze, and report any potential impacts that the proposed warehouse and support facilities would have on the district and in particular, on the school busing operations associated with the two elementary schools located in close proximity to the site. The Amazon Facility is expected to generate significant number of trucks and thus potential of traffic safety and operational impacts and their mitigation was important. | Syosset Central School District | 15,000.00 | fee | 1/6/2021 | Yes |
| Traffic Engineering Design & Construction Support for George Washington Bridge and Bus Station | GPI personnel developed Stage I, Stage II and Stage III contract documents, consisting of drawings, specifications and estimates for GWB and GWBBS design projects. We also provided Stage IV construction support services, including the development of post award contract changes | Port Authority of New York & New Jersey | 567,547.50 | fee | 8/14/2018 | Yes |
| Traffic Engineering Design and Construction Support George Washington Bridge and Bus Station | The Traffic Engineering Group of the Port Authority of NY & NJ had expressed interest in retaining a design team, collectively possessing extensive expertise in the area of traffic engineering design and construction support, for the purpose of providing day-to-day professional engineering services for the George Washington Bridge and George Washington Bridge | Port Authority of New York & New Jersey | 197,234.32 | fee | 8/19/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Traffic Engineering Design and Construction Support Specialist | GPI personnel developed Stage I, Stage II and Stage III contract documents, consisting of contract drawings, specifications and estimates for GWB and GWB Bus Station design projects. We also provided Stage IV construction support services, including the <u>development of post award contract changes</u> | Port Authority of New York & New Jersey | 181,197.00 | fee | 12/21/2015 | Yes |
| Traffic Engineering Design and Construction Support Specialist | Included in this project were provisions to offer technical design services for both capital contracts and various work orders at any facility where services are deemed necessary by PA NY & NJ staff for a | Port Authority of New York & New Jersey | 545,580.00 | fee | 11/14/2014 | Yes |
| Traffic Engineering Design Services for Brooklyn Queens Expressway (BQE) Traffic Data Collection | The scope of work included travel time runs, Automatic Traffic Recorder (ATR), physical inventory (PI), field observations, and turning movement counts (TMC), which were delivered to NYCDOT. | New York City Dept. of Transportation | 389,442.68 | fee | 8/16/2019 | Yes |
| Traffic Engineering Operations Support for Aviation Facilities | The Traffic Engineering Group of the PANYNJ expressed interest in retaining personnel possessing a strong technical background in traffic engineering for the purpose of providing operations support at <u>aviation facilities</u> . | Port Authority of New York & New Jersey | 93,900.00 | fee | 4/1/2014 | Yes |
| Traffic Engineering Oversight for Verrazzano Narrows Bridge Deck Replacement | The objective of this assignment is to support El Sol by providing general traffic engineering oversight and review of proposed construction staging revisions developed by other firm(s) and to assist with the response of traffic-related comments and/or questions posed by the client during their own internal review of <u>these revisions</u> . | El Sol Contracting | 20,800.00 | fee | | Progressing on time/budget |
| Traffic Engineering Services at LaGuardia Airport and World Trade Center Site | GPI was retained to provide traffic engineering and planning services on-site at LaGuardia Airport and the World Trade Center Downtown Restoration Project. | Port Authority of New York & New Jersey | 498,400.00 | fee | 12/31/2007 | Yes |
| Traffic Engineering Services for Rogers Avenue and Hazelwood Avenue | Investigated the traffic conditions along Rogers Avenue between Old Riverhead Road and Montauk Highway, and along Hazelwood Avenue between Rogers Avenue and Montauk Highway. Provided solutions to the Village's main concern, which was speeding and inappropriate usage of this local <u>residential roadway by through traffic</u> . | Carriage Hill Developers, Inc. | 1,950.00 | fee | 11/18/2019 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|--|---|--------------------|----------------------------|-----------------|---|
| Traffic Engineering Technical Support Services | This project included preparation of an updated report for the condition of concrete traffic barrier on the Manhattan approach to the George Washington Bridge. The report summarized an analysis of the existing conditions and preliminary design for recommended barrier replacement solutions. An evaluation of lighting levels was also performed and | Port Authority of New York & New Jersey | 88,100.00 | fee | 1/16/2011 | Yes |
| Traffic Engineering Technical Support Services | The project required providing technical design services (both on and off site) for both capital contracts and various work orders at the George Washington Bridge, Lincoln Tunnel, or any facility where these services were deemed necessary by the Port Authority of NY & N.J staff for a period of 12 | Port Authority of New York & New Jersey | 276,200.00 | fee | 1/17/2012 | Yes |
| Traffic Impact and Parking Analysis Report - Proposed Mixed-Use Development - 281-301 Warner Avenue (Railroad Avenue) | This project involved conducting a peer review of a traffic impact study conducted by an engineering firm for a proposed mixed-use development. This included reviewing completeness of ITS, traffic capacity analyses, trip generation, and need for any mitigation. A letter report was provided summarizing our findings that identified some key deficiencies in | Ingerman Smith, LLP | 7,900.00 | fee | 10/15/2019 | Yes |
| Traffic Impact and Parking Analysis Report - Proposed Residential Apartment Complex 45 Lumbar Road | This project involved conducting a peer review of a traffic impact study conducted by an engineering firm for a proposed residential development. This included reviewing traffic capacity analyses, trip generation, and need for any mitigation. A letter report was provided summarizing our findings. | Ingerman Smith, LLP | 2,750.00 | fee | 6/15/2020 | Yes |
| Traffic Management Center Operations Personnel | This project provided full-time operations personnel to staff the County's Traffic Management Center (TMC) facility in Westbury, NY. | Nassau County Dept. of Public Works | 500,176.60 | fee | 12/31/2016 | Yes |
| Traffic Monitoring System Data Collection, Statewide 2019-2022 Cycle, 2019 Safety Voyager | This project was a continuation of the Voyager work for NJDOT. The project was a sophisticated crash mapping platform that displayed over 5 million crashes on New Jersey roads over the past 15 years. | New Jersey Dept. of Transportation | 112,098.14 | fee | 6/30/2020 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|-----------------|---|
| Traffic Safety Evaluation for S. Delaware Avenue, S. Wellwood Avenue, and S. Broadway | This project involves traffic condition investigations along S. Delaware Avenue, S. Wellwood Avenue, and S. Broadway. The purpose of this project is to address speeding and to explore possibility of <u>providing stop signs at various intersections on these</u> | Village of Lindenhurst | 8,647.50 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Traffic Sign Upgrading and Replacement | GPI will perform contract administration, construction inspection and miscellaneous support tasks related to this Federal Aid project to upgrade and replace traffic signs. Included in this effort is an electronic inventory of signs along Federal Aid Urban System roadways, development of a database with sign locations, coordination with Town GIS staff and final delivery of <u>the database</u> | Town of Brookhaven | 125,000.00 | fee | 6/30/2014 | Yes |
| Traffic Signal Design | GPI redesigned and rebuilt existing NYSDOT INFORM signalized intersections conforming to the latest NYSDOT standards and specifications and included new signal poles, vehicular and pedestrian <u>signal heads, controller cabinet locations, conduit</u> | New York State Dept. of Transportation | 137,674.54 | fee | 3/12/2020 | Yes |
| Traffic Signal Design for Route 107 and Stewart Avenue | GPI provided professional traffic signal design services for NYSDOT Region 10 at Route 107 and Stewart Avenue for the annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 7,600.00 | fee | 6/7/2006 | Yes |
| Traffic Signal Design for Route 110 and Great Neck Road | GPI provided professional traffic signal design services for NYSDOT Region 10 at Route 110 and Great Neck Road for the annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 9,000.00 | fee | 11/30/2005 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|--|--------------------|----------------------------|-----------------|---|
| Traffic Signal Design for Route 110 at Ritter Avenue | GPI provided traffic signal design services for Route 110 at Ritter Avenue for the NYSDOT Region 10 annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets and estimate of quantities | New York State Dept. of Transportation | 10,000.00 | fee | 8/20/2006 | Yes |
| Traffic Signal Design for Route 231 and Long Island Avenue South | GPI provided professional traffic signal design services for Route 231 at Long Island Avenue South for the NYSDOT Region 10 annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 10,200.00 | fee | 6/1/2006 | Yes |
| Traffic Signal Design for Route 231 at Long Island Avenue Acorn Street | GPI provided professional traffic signal design services at Route 231 and Long Island Avenue/Acorn Street for the NYSDOT Region 10 annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 10,200.00 | fee | 6/1/2006 | Yes |
| Traffic Signal Design for Route 25A and Wall Street | GPI provided traffic signal design services for Route 25A and Wall Street for the NYSDOT Region 10 annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets and estimate of quantities | New York State Dept. of Transportation | 8,600.00 | fee | 6/20/2006 | Yes |
| Traffic Signal Design for Route 25A at N. Country Road | GPI provided traffic signal design services for Route 25A at N. Country Road for the NYSDOT Region 10 annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets and estimate of quantities | New York State Dept. of Transportation | 8,600.00 | | 8/20/2006 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|---|--|--------------------|----------------------------|-----------------|---|
| Traffic Signal Design for Route 27 and Route 107 | The joint venture team of GPI and FST provided professional traffic signal design services for NYSDOT Region 10 at Route 27 & Route 107 for the annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets and estimate of quantities | New York State Dept. of Transportation | 8,600.00 | fee | 6/7/2006 | Yes |
| Traffic Signal Design for Route 27 NSR and Saxon Avenue | GPI provided professional traffic signal design services for NYSDOT Region 10 at Route 27 NSR and Saxon Avenue for the annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 10,000.00 | fee | 6/7/2006 | Yes |
| Traffic Signal Design for Route 27 Safety Improvement | GPI provided professional traffic signal design services for the NYSDOT Region 10 Route 27 safety improvement project in Massapequa, NY. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets and estimate of quantities | New York State Dept. of Transportation | 45,500.00 | fee | 10/31/2005 | Yes |
| Traffic Signal Design for Route 27 SSR and Saxon Avenue | GPI provided professional traffic signal design services for NYSDOT Region 10 at Route 27 SSR and Saxon Avenue for the annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 7,600.00 | fee | 6/7/2006 | Yes |
| Traffic Signal Design for Route 454 and Suffolk Avenue | GPI provided professional traffic signal design services for NYSDOT Region 10 at Route 454 and Suffolk Avenue for the annual signal design requirements project. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets | New York State Dept. of Transportation | 7,600.00 | fee | 6/7/2006 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

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|---|--|---|--------------------|----------------------------|-----------------|---|
| Traffic Signal Design Requirements | GPI provided traffic signal design services for NYSDOT Region 10 annual requirements contract. GPI was responsible for the preparation of signal design plans, pole load calculations, phasing and sequence diagrams, microcomputer signal operation specifications sheets and estimate of quantities. | New York State Dept. of Transportation | 755,716.00 | fee | 9/17/2009 | Yes |
| Traffic Signal ITS Technical Support | GPI provided professional traffic engineering technical support services to assist the Traffic Signals and ITS staff of Traffic Engineering at the PANYNJ. | Port Authority of New York & New Jersey | 36,600.00 | fee | 3/1/2006 | Yes |
| Traffic Signal Maintenance Contract Development | GPI provided professional traffic engineering services to develop contract documents for the procurement of traffic signal maintenance and modification services for PANYNJ owned signal equipment. In addition to providing maintenance services, the contract provisions included the flexibility to modify and upgrade traffic signal installations utilizing unit cost | Port Authority of New York & New Jersey | 113,300.00 | fee | 10/15/2007 | Yes |
| Traffic Signal Optimization Support Services Controller Programming and Bench Testing | This project involved 17 corridors comprised of 218 intersections throughout New Jersey. The tasks involved field inspection and condition assessment of traffic signal cabinets, review of timing existing and proposed traffic signal timing, developing and programming the controllers, testing (physical and then 168 hour) of traffic signal controllers as well as support of NJDOT staff during deployment | New Jersey Dept. of Transportation | 237,345.37 | fee | 3/8/2021 | Yes |
| Traffic Signal Progression & Optimization Study I – Bethpage | GPI is providing design services to Nassau County to improve traffic signal timing, and therefore, optimize the use of available roadway capacity. The County required the development of timing plans along three corridors to improve control of 23 signalized intersections that are operated and maintained by the County. The project will improve the service to the traveling public along sections of Central Avenue, East Meadow Avenue, and Brush Hollow Road, by maximizing signal timing efficiency, coordinating signal timing, and reducing the overall delay on these | Nassau County Dept. of Public Works | 47,936.38 | fee | 12/29/2025 Est. | Progressing on time/budget |
| Traffic Signal Replacement, Old Country Road, Phases 1 & 2 | GPI supported the project by providing a senior traffic signal inspector for Phases 1 & 2 of the Old Country Road Signal Upgrade project. | Nassau County Dept. of Public Works | 544,824.00 | fee | 2/28/2020 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Traffic Signal Timing and Arterial Optimization | This traffic signal timing and arterial optimization project involves assisting NYSDOT, Reg. 10, with improving their traffic signal timing for Nassau County corridors in order to improve safety, maximize efficiency, coordinate signal timing, and to reduce overall delay on these arterials. This project will improve the service with the development of innovative timing plans through the use of the | New York State Dept. of Transportation | 1,055,005.00 | fee | 9/30/2022 Est. | Progressing on time/budget |
| Traffic Signal Timing and Arterial Optimization | This project assisted NYSDOT improve their traffic signal timing by developing timing plans along various corridors by improving control of 160+ signalized intersections. This project improved the service to the traveling public along these corridors by improving safety, maximizing signal timing efficiency, coordinating signal timing and reducing the overall delay on these arterials | New York State Dept. of Transportation | 2,026,857.29 | fee | 5/1/2009 | Yes |
| Traffic Simulation Model Development and Technical Support, Phase II | The primary objective for this contract was the continued expansion of the existing GWB traffic simulation model to support the planning efforts related to various capital projects at this facility, specifically to identify adequate durations for the necessary work while at the same time balance the | Port Authority of New York & New Jersey | 20,040.00 | fee | 11/10/2016 | Yes |
| Traffic Technicians and Traffic Signal Inspectors | GPI furnished traffic engineering professionals and traffic signal inspectors that possessed a strong technical background in general traffic engineering principals and guidelines and a strong technical background in the operation, maintenance and repair of traffic signals and traffic control devices, respectively to work on site at the county offices or | Nassau County Dept. of Public Works | 868,712.00 | fee | 5/7/2021 | Yes |
| Traffic Timing & Arterial Optimization | GPI developed timing plans along various corridors using Synchro software to improve control of 400+ signalized intersections. This project provided improved service to the traveling public along these corridors by improving safety, maximizing signal timing efficiency, coordinating signal timing, and reducing the overall delay on these arterials | New York State Dept. of Transportation | 692,182.00 | fee | 4/30/2016 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|--|---|---|--------------------|----------------------------|-----------------|---|
| Trail Crossing Design (Woodbury Road) | This project involves improving the safety of the existing Nassau-Suffolk Greenbelt Trail Crossing of Woodbury Road. The proposed improvement includes installing a marked crosswalk controlled by a HAWK beacon (High-Intensity Activated crossWalk beacon) also known as a Pedestrian Hybrid Beacon (PHB). This will be the first HAWK installation by NCDPW. | Nassau County Dept. of Public Works | 200,000.00 | | 12/31/2022 Est. | Progressing on time/budget |
| Train to Plane Connectivity Study | GPI supported ARUP in identifying key stakeholders, regulations, and approval processes that needed to be considered during the development of conceptual alternatives to provide a transportation connection between the LIRR Ronkonkoma Train Station and Islip MacArthur Airport. In addition, GPI conducted an initial environmental screening for four conceptual | Suffolk County Dept. of Economic Development and Planning | 13,858.98 | fee | 3/8/2018 | Yes |
| United Nations Development Programme-Moldova; International Consultancy in Transport and Mobility Planning | This project provided consulting services to support the United Nations Development Programme (UNDP) in the development of a Sustainable Urban Mobility Plan for Chisinau, the capital of Moldova. | United Nations Development Programme | 36,940.00 | fee | 12/31/2020 | Yes |
| Update Division 2 Traffic Technical Specifications | GPI was hired by Port Authority of New York and New Jersey Traffic Engineering to review and update their standard technical specifications. This effort included confirmation that various material requirements and installation details are in accordance with current industry standards. | Port Authority of New York & New Jersey | 58,600.00 | fee | 12/31/2011 | Yes |
| Urban Transportation and Sustainability: A German-American Dialogue | The conference brought together international and national experts, policy makers and innovators in urban transportation and sustainability. Organized by the German Consulate in Atlanta, the event served as a forum for peer exchange and platform for discussions with stakeholders from the Atlanta | Consulate General of the Federal Republic of Germany | 1,880.00 | fee | 9/13/2018 | Yes |
| Variable Message Signs Structural Replacement | Design and PS&E plans to reconstruct Variable Message Signs structure. GPI designed the replacement sign structure across the westbound lanes of the LIE, just east of LI Motor Parkway in its approximate existing location. | New York State Dept. of Transportation | 500,000.00 | | 3/3/2015 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|--|--------------------|----------------------------|--------------------|---|
| Variable Message Signs, Phase 2 ON HOLD PER PULVER | This project provides the design and PS&E plans to construct 12 Variable Message Signs on new sign structures and provides the control and communication equipment to operate the signs locally and remotely from the County Traffic Management Center (TMC) in Westbury, NY. | Nassau County Dept. of Public Works | 145,637.00 | fee | 12/31/2022 Est. | Progressing on time/budget |
| Variable Message Signs, Phase I | This project provided the design and PS&E plans to construct Variable Message Signs on new sign structures and provide the control and communication equipment to operate the signs locally and remotely from the County Traffic Management Center (TMC) in Westbury, NY. | Nassau County Dept. of Public Works | 255,319.29 | fee | 2/13/2018 | Yes |
| Village of Lindenhurst "On-Call" Traffic Engineering Services Study | GPI is providing traffic engineering services for the Village of Lindenhurst on an on-call basis. | Village of Lindenhurst | 3,250.00 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Village of Westbury DRI Rezoning | This project involved preparing a Generic Environmental Impact Statement (GEIS) for the rezoning of 50 acres of land adjacent to the Westbury LIRR train station to encourage Transit Oriented Development (TOD). GPI prepared a traffic impact study as part of the GEIS to review potential impacts to traffic flow, pedestrian safety, and parking demand. This included developing trip generation, trip assignment, and trip distribution of proposed land uses and analyzing impacts to key intersections in the | Village of Westbury | 82,720.81 | fee | 11/4/2019 | Yes |
| VMS Sign Structures 73 & 80 | GPI provided the design and PS&E plans to reconstruct Variable Message Sign structures at Route 25 and SOB Road and LIE E/B @ Wicks Road. GPI civil and structural engineers designed the replacement sign structure across the westbound lanes of the LIE, just east of Motor Parkway in its | New York State Dept. of Transportation | 104,545.69 | fee | 12/30/2016 | Yes |
| Voyager 2020 | This project involves developing a secure cloud-based application that displays traffic crashes, AADT data, and ball-bank information in a map-based format for the State of New Jersey. | New Jersey Dept. of Transportation | 702,513.01 | fee | 6/30/2022 Est. | Progressing on time/budget |
| Walking Across the Transatlantic Climate Bridge | Presentation / keynote speech at the conference. | Consulate General of the Federal Republic of | 1,100.00 | fee | 6/19/2018 | Yes |

Greenman-Pedersen, Inc. - Bridge Projects

| Name | Description | Owner Name | Total Project Cost | Total Project Cost Comment | Completion Date | Project completed on time and within budget |
|---|--|---|--------------------|----------------------------|-----------------|---|
| Walt Whitman Road Corridor Traffic Study | This corridor study required traffic counts, speed runs, data reduction, trip generation and traffic forecasting; conducting capacity and accident analysis; developing future alternatives; and providing recommendations. All ten intersections were analyzed on a 2.27-mile-long roadway section. Additionally, topographic basemap was updated by conducting new topographic surveys and ROW acquisition maps for 12 properties. Design of two traffic signals was also added to the overall scope of the project. | Town of Huntington | 4,800,000.00 | | 12/5/2005 | Yes |
| Wantagh Avenue MOT at the LIRR Bridge | Maintenance of traffic drawings along Wantagh Avenue for the rehabilitation of the Wantagh Train | Fortunato Sons Contracting, Inc. | 10,878.00 | fee | 4/2/2018 | Yes |
| West Water Street Parking Expansion Study | GPI was retained by the Village of Sag Harbor to develop a conceptual plan to increase parking at the Sag Harbor Marina. | Village of Sag Harbor | 5,000.00 | fee | 4/11/2018 | Yes |
| Wiley Eng - Gate Closure Plans | Development of the concept plans; and upon approval, development of the final plans. | New York State Dept. of Transportation | 14,817.61 | fee | 3/31/2017 | Yes |
| Woodhaven Boulevard TSP | Develop a feasibility study to evaluate Transit Signal Priority (TSP) for new Q52/53 Select Bus Service (SBS) in Queens, NY. The objective of this project is first to assess and implement TSP at 18 previously studied intersections on an interim basis (for which traffic signals are already optimized and ready for implementation). Second, to develop TSP plans for the entire study corridor (between Roosevelt Avenue and 61st Street and Rockaway Beach Boulevard/Beach 116th Street and Beach 67th Street) after conducting a comprehensive assessment of 116 intersections on a permanent basis (along the entire Q52/53 LTD bus route). This entire corridor represents approximately 17 miles of roadway. | New York City Dept. of Transportation | 1,488,599.25 | fee | 12/30/2022 Est. | Progressing on time/budget |
| Work Zone Training Course | Prepared and presented work zone training courses for PA operations and maintenance personnel. | Port Authority of New York & New Jersey | 169,000.00 | fee | 12/31/2002 | Yes |

Nassau County Business History Form

Question A (viii)
Licenses

**THE UNIVERSITY OF THE STATE OF NEW YORK
EDUCATION DEPARTMENT**

THIS IS TO CERTIFY THAT HAVING MET THE REQUIREMENTS OF SECTION 7210 OF THE
EDUCATION LAW AND IN ACCORDANCE THEREWITH THIS CERTIFICATE OF AUTHORIZATION
IS GRANTED WHICH ENTITLES

**GREENMAN-PEDERSEN INC
325 WEST MAIN STREET
ATTN MICHELE BOBICH
BABYLON, NY 11702-0000**

TO PROVIDE PROFESSIONAL ENGINEERING SERVICES IN THE STATE OF NEW YORK FOR
THE PERIOD 01/01/2021 TO 12/31/2023.



**CERTIFICATE NUMBER
0018158**


**BETTY ROSA
INTERIM COMMISSIONER OF EDUCATION**

Nassau County Business History Form

Question 2:

List all other business addresses used within last five years:

| Current Locations | | | | | | |
|--------------------------------|---------------------------------------|----------------|----|-------|--------------------|--------------|
| Location Name | Address | City | ST | Zip | Phone | Fax |
| Norwalk, CT | 40 Richards Ave, 3rd Floor | Norwalk | CT | 06854 | 203-604-6731 | |
| Milford, DE | 550 South DuPont Blvd, Suite F | Milford | DE | 19963 | | |
| Chipley, FL | 1273 Office Park Drive | Chipley | FL | 32428 | 850-526-5211 | |
| Daytona Beach, FL | 1176 Pelican Bay Drive | Daytona Beach | FL | 32119 | 386-226-1113 | |
| Doral, FL | 7735 NW 48th Street, Suite 110 | Doral | FL | 33166 | 305-290-4997 | 305-328-6714 |
| Fort Pierce, FL | 3306 Enterprise Road | Fort Pierce | FL | 34982 | 772-337-3116 | 772-337-0294 |
| Jacksonville, FL - Adams St. | 1010 East Adams Street, Suite 140 | Jacksonville | FL | 32202 | 904-355-6948 | 904-355-6950 |
| Jacksonville, FL - Chaffee Pt. | 514 Chaffee Point Boulevard, Unit 3 | Jacksonville | FL | 32221 | 904-355-6948 x8417 | |
| Ocala, FL | 328 Northeast 1st Avenue, Suite 200 | Ocala | FL | 34470 | 352-368-5055 | |
| Orlando, FL | 423 S. Keller Road, Suite 300 | Orlando | FL | 32810 | 407-851-7880 | |
| Tallahassee, FL | 1590 Village Square Boulevard | Tallahassee | FL | 32309 | 850-668-5211 | 850-668-3106 |
| Tampa, FL | 1000 North Ashley Drive, Suite 100 | Tampa | FL | 33602 | 813-632-7676 | 813-632-7683 |
| Marietta, GA | 2121 Newmarket Parkway SE, Suite 151 | Marietta | GA | 30067 | 407-851-7880 | |
| Jeffersonville, IN | 100 West Court Avenue, Suite 201 | Jeffersonville | IN | 47130 | 812-670-9070 | |
| Lawrenceburg, KY | 143 W. Woodford Street, Suite 3-A | Lawrenceburg | KY | 40342 | 502-547-8452 | |
| Baton Rouge, LA | 8550 United Plaza Blvd., Ste. 702 | Baton Rouge | LA | 70809 | 225-906-5109 | |
| Southbridge, MA | 176 Main Street, Suite 420 | Southbridge | MA | 01550 | 978-570-2999 | 978-658-3044 |
| Wilmington, MA | 181 Ballardvale Street, Suite 202 | Wilmington | MA | 01887 | 978-570-2999 | 978-658-3044 |
| Columbia, MD | 11000 Broken Land Parkway, Suite 500 | Columbia | MD | 21044 | 410-880-3055 | 301-490-2649 |
| North East, MD | 15 Grandview Avenue, Suite 2 | North East | MD | 21901 | | |
| Rockville, MD | 530 Gaither Road, Suite 100 | Rockville | MD | 20850 | 240-268-1820 | 240-268-1821 |
| Portland, ME | 222 St. John Street, Suite 252 | Portland | ME | 04102 | 207-358-7160 | |
| Charlotte, NC | 508 West 5th Street, Suite 150 | Charlotte | NC | 28202 | 704-540-0087 | 704-540-3050 |
| Wilmington, NC | 3909 Wrightsville Avenue, Suite 200 | Wilmington | NC | 28403 | 910-799-8100 | |
| Portsmouth, NH | 21 Daniel Street, Second Floor | Portsmouth | NH | 03801 | 603-891-2213 | |
| Salem, NH | 44 Stiles Road | Salem | NH | 03079 | 603-893-0720 | 603-893-0733 |
| Lebanon, NJ | 100 Corporate Drive, Suite 301 | Lebanon | NJ | 08833 | 908-236-9001 | 908-236-9669 |
| Ocean View, NJ | 458 Woodbine-Oceanview Road | Oceanview | NJ | 08230 | 609-624-1408 | |
| Red Bank, NJ | 54 Shrewsbury Avenue, Suite A | Red Bank | NJ | 07701 | 732-268-8373 | |
| Albany, NY | 80 Wolf Road, Suite 300 | Albany | NY | 12205 | 518-453-9431 | 518-453-9458 |
| Babylon, NY | 325 West Main Street | Babylon | NY | 11702 | 631-587-5060 | 631-422-3479 |
| Binghamton, NY | 107 Theresa Boulevard | Binghamton | NY | 13901 | 607-204-0199 | |
| Brisbane (BUF) Office, NY | 403 Main Street, Suite 330 | Buffalo | NY | 14203 | 716-633-4844 | |
| Buffalo, NY | 4950 Genesee Street, Suite 100 | Buffalo | NY | 14225 | 716-633-4844 | 716-633-4940 |
| Jamestown, NY | 200 Harrison Street, Suite H-2 | Jamestown | NY | 14701 | 716-488-2803 | |
| Manhattan, NY | 21 West 38th Street, 6th Floor | New York | NY | 10018 | 646-791-8800 | 646-791-8839 |
| Montebello, NY | 400 Rella Boulevard, Suite 207 | Montebello | NY | 10901 | 845-368-4050 | 845-368-4070 |
| Rochester, NY | 400 Andrews Street, Suite 610 | Rochester | NY | 14604 | 585-486-4859 | |
| Berea, OH | 601 West Bagley Road | Berea | OH | 44017 | 440-973-9415 | 440-971-1134 |
| Dublin, OH | 5178 Blazer Parkway, Suite A | Dublin | OH | 43017 | 614-401-5560 | |
| Portland, OR | 4850 SW Scholls Ferry Road, Suite 203 | Portland | OR | 97225 | 971-344-6183 | |
| Allentown, PA | 1320 Hausman Road, Ste. 204 | Allentown | PA | 18104 | 484-869-5566 | |
| Mechanicsburg, PA | 4900 Ritter Road, Suite 110 | Mechanicsburg | PA | 17055 | 717-724-4680 | 717-724-4683 |
| North East, PA | 8 Gibson Street | North East | PA | 16428 | 814-725-8659 | 814-725-3867 |
| Philadelphia, PA | 1500 Market St., 12th Fl, East Tower | Philadelphia | PA | 19102 | 215-246-3481 | |

Nassau County Business History Form**Question 2:** *(continued)*

List all other business addresses used within last five years:

| Current Locations | | | | | | |
|--------------------------|--|----------------------|----|-------|--------------|--------------|
| Location Name | Address | City | ST | Zip | Phone | Fax |
| Pittsburgh, PA | 4 Penn Center West, Suite 215 | Pittsburgh | PA | 15276 | 570-340-3700 | 570-342-4080 |
| Scranton, PA | 52 Glenmaura National Blvd., Suite 302 | Scranton | PA | 18505 | 570-342-3700 | 570-342-4080 |
| Columbia, SC | 1812 Lincoln Street, Suite 201 | Columbia | SC | 29201 | 803-465-1954 | |
| Locust Grove, VA | 4444 Germanna Highway, Suite 320 | Locust Grove | VA | 22508 | | |
| Springfield, VA | 8001 Braddock Road, Suite 200 | Springfield | VA | 22151 | 703-978-0100 | 703-978-6038 |
| White River Junction, VT | 46 South Main Street | White River Junction | VT | 05001 | 802-359-4070 | |
| Sheboygan, WI | 2124 Kohler Memorial Drive, Suite 305 | Sheboygan | WI | 53081 | 920-449-5298 | |
| Elkins, WV | 304 Railroad Avenue | Elkins | WV | 26241 | 304-637-4765 | |
| Morgantown, WV | 917 Canyon Road | Morgantown | WV | 26508 | 304-507-8101 | |
| Scott Depot, WV | 58 Mission Way, Suite 201 | Scott Depot | WV | 25560 | 304-507-8101 | |

Nassau County Business History Form**Question 2:** *(continued)*

List all other business addresses used within the last 5 years.

| Locations No Longer in Use (past 5 years) | | | | | |
|---|--|----------------------|----|-------|---------|
| Location Name | Address | City | ST | Zip | Vacated |
| Louisville, KY | 1387 S. Fourth Street, Room 201 | Louisville | KY | 40208 | 2014 |
| Urbana, OH | 31-1/2 Monument Square | Urbana | OH | 44017 | 2014 |
| Baton Rouge, LA | 8282 Goodwood Boulevard, Suite W-3 | Baton Rouge | LA | 70806 | 2016 |
| Fredericksburg, VA | 702 Westwood Office Park | Fredericksburg | VA | 22401 | 2016 |
| Greensboro, NC | 7870 Thorndike Road | Greensboro | NC | 27409 | 2017 |
| Brooksville, FL | 12435 Cortez Blvd., Suite 209 | Brooksville | FL | 34613 | 2018 |
| Annapolis Junction, MD | 10977 Guilford Road | Annapolis Junction | MD | 20701 | 2018 |
| Cape May Court House, NJ | 106 North Route 9 | Cape May Court House | NJ | 08210 | 2018 |
| Rochester, NY | 20 Wildbriar Street, Suite E | Rochester | NY | 14623 | 2018 |
| Plymouth, WI | 506 E. Mill Street, Suite 110 | Plymouth | WI | 53073 | 2018 |
| Milford, DE | 200 N. Rehoboth Boulevard | Milford | DE | 19963 | 2019 |
| Newark, DE | 200 Continental Drive, Suite 401 | Newark | DE | 19713 | 2019 |
| Daytona Beach, FL | One Daytona Blvd., Suite 220 | Daytona Beach | FL | 32114 | 2019 |
| Scranton, PA | 50 Glenmaura National Blvd., Suite 102 | Scranton | PA | 18505 | 2019 |

Nassau County Business History Form

Question 7:

Does this business share office space, staff, or equipment expenses with any other business? **YES**

| FEIN | Firm Name Address | Item(s) Shared | | | |
|------------|--|----------------|-------|-----------|----------|
| | | Space | Staff | Equipment | Expenses |
| 45-0535502 | GPI Geospatial, Inc. <i>FKA Aerial Cartographies of America, Inc.</i> 423 South Keller Road, Suite 300 Orlando, FL 32810 | X | X | X | X |
| 32-0363167 | GPI Michigan Inc. 4403 Donker Court SE Kentwood, MI 49512 | X | X | X | X |
| 38-2563749 | GPI Laboratories, Inc. <i>FKA Corrosion Control Consultants and Labs, Inc.</i> 4403 Donker Court SE Kentwood, MI 49512 | X | X | X | X |
| 35-2221195 | GPI Engineering, Landscape Architecture and Surveying, LLP 325 West Main Street Babylon, New York 11702 | X | X | X | X |
| 59-2405375 | Underwater Engineering Services, Inc. 3306 Enterprise Road Fort Pierce, FL 34982 | X | X | X | X |

Please note that the following previously listed subsidiaries with whom GPI shared office space have merged with Greenman-Pedersen, Inc. and have been removed from this list:

| Merger Date | Firm Name | Firm Location |
|--------------------|---------------------------------|----------------------|
| 07/01/2020 | Keller & Kirkpatrick, Inc. | Morris Plains, NJ |
| 12/31/2020 | MHF Design Consultants, Inc. | Salem, NH |
| 12/31/2020 | S3E Engineers, Inc. | Springfield, VA |
| 01/01/2022 | Horizon Engineering Group, Inc. | Maitland, FL |
| 04/01/2022 | Holbert Appel Associates, Inc. | Olney, MD |

Nassau County Business History Form

Question 8:

Does this business control one or more other businesses? **YES**

Subsidiaries:

| FEIN | Firm Name Address | Phone | Dates From - To |
|------------|---|--------------|-----------------------|
| 45-0535502 | GPI Geospatial 423 South Keller Road, Suite 300 Orlando, FL 32810 | 407-851-7880 | 1/1/2018 to Present |
| 32-0363167 | GPI Michigan Inc. 4403 Donker Court SE Kentwood, MI 49512 | 616-940-3112 | 12/23/2011 to Present |
| 38-2563749 | GPI Laboratories, Inc. 4403 Donker Court SE Kentwood, MI 49512 | 616-940-3112 | 06/01/2006 to Present |
| 59-2405375 | Underwater Engineering Services, Inc. 3306 Enterprise Road Fort Pierce, FL 34982 | 772-337-3116 | 01/01/2021 to Present |

Affiliate:

| FEIN | Firm Name Address | Phone | Dates From - To |
|------------|--|--------------|----------------------|
| 35-2221195 | GPI Engineering, Landscape Architecture and Surveying, LLP 325 W. Main Street Babylon, NY 11702 | 631-587-5060 | 12/5/2003 to Present |

Please note that the previously disclosed companies listed below have merged with Greenman-Pedersen, Inc. as of the dates indicated:

- **Keller & Kirkpatrick, Inc.**, Morris Plains, NJ – as of July 1, 2020
- **MHF Design Consultants, Inc.**, Salem, NH – as of December 31, 2020
- **S3E Engineers, Inc.**, Springfield, VA – as of January 8, 2021
- **Horizon Engineering Group, Inc.**, Maitland, FL – as of January 1, 2022
- **Holbert Apple Associates, Inc.**, Olney, MD – as of April 1, 2022

Nassau County Business History Form

Question 9:

Does this business have one or more affiliates, and/or is it a subsidiary of, or controlled by, any other business? **YES**

Subsidiaries:

| FEIN | Firm Name Address | Phone | Dates From - To |
|------------|---|--------------|-----------------------|
| 45-0535502 | GPI Geospatial 423 South Keller Road, Suite 300 Orlando, FL 32810 | 407-851-7880 | 1/1/2018 to Present |
| 32-0363167 | GPI Michigan Inc. 4403 Donker Court SE Kentwood, MI 49512 | 616-940-3112 | 12/23/2011 to Present |
| 38-2563749 | GPI Laboratories, Inc. 4403 Donker Court SE Kentwood, MI 49512 | 616-940-3112 | 06/01/2006 to Present |
| 59-2405375 | Underwater Engineering Services, Inc. 3306 Enterprise Road Fort Pierce, FL 34982 | 772-337-3116 | 01/01/2021 to Present |

Affiliate:

| FEIN | Firm Name Address | Phone | Dates From - To |
|------------|--|--------------|----------------------|
| 35-2221195 | GPI Engineering, Landscape Architecture and Surveying, LLP 325 W. Main Street Babylon, NY 11702 | 631-587-5060 | 12/5/2003 to Present |

Please note that the previously disclosed companies listed below have merged with Greenman-Pedersen, Inc. as of the dates indicated:

- **Keller & Kirkpatrick, Inc.**, Morris Plains, NJ – as of July 1, 2020
- **MHF Design Consultants, Inc.**, Salem, NH – as of December 31, 2020
- **S3E Engineers, Inc.**, Springfield, VA – as of January 8, 2021
- **Horizon Engineering Group, Inc.**, Maitland, FL – as of January 1, 2022
- **Holbert Apple Associates, Inc.**, Olney, MD – as of April 1, 2022

EIN: 11-2537074

Nassau County Business History Form

Question Aiii:

Name, address, and position of all officers and directors of the company.

| Name | Residence Address Business Address |
|---|---------------------------------------|
| Steven Greenman, PE Chairman of the Board | [REDACTED] |
| Christer Ericsson, PE Chief Executive Officer/President | [REDACTED] |
| Michael Buoncore, CPA Executive Vice President/Chief Financial Officer Secretary and Treasurer | [REDACTED] |
| M. Denise Carter, PE Executive Vice President/Chief Strategy Officer | [REDACTED] |
| Gregory Zenk, PE Executive Vice President/Branch Manager | [REDACTED] |
| [REDACTED] | [REDACTED] |

COUNTY OF NASSAU

CONSULTANT'S, CONTRACTOR'S AND VENDOR'S DISCLOSURE FORM

1. Name of the Entity: Greenman-Pedersen, Inc.

Address: 325 West Main Street

City: Babylon State/Province/Territory: NY Zip/Postal Code: 11702

Country: US

2. Entity's Vendor Identification Number: [REDACTED]

3. Type of Business: Closely Held Corp (specify) _____

4. List names and addresses of all principals; that is, all individuals serving on the Board of Directors or comparable body, all partners and limited partners, all corporate officers, all parties of Joint Ventures, and all members and officers of limited liability companies (attach additional sheets if necessary):

12 File(s) uploaded: GPI BOD as of 9-13-22.pdf, Nassau Cty - GPI BOD as of 2-10-2023.pdf, Nassau Cty - GPI Principals as of 8-30-21.pdf, Nassau Cty - GPI Principals for CC&V 3-31-22.pdf, Nassau Cty - GPI Principals for CC&V as of 3-21-22.pdf, Nassau Cty - GPI Principals for CCV as of 6-30-22.pdf, Nassau Cty - GPI Principals for CCV as of 6-30-22.pdf, Principals as of 10-16-2019 for NC.pdf, Principals as of 2-22-21 for NC.pdf, Principals as of 3-16-20 for NC.pdf, Principals as of 6-26-2019 for NC.pdf, Principals as of 9-8-2020 for NC.pdf

5. List names and addresses of all shareholders, members, or partners of the firm. If the shareholder is not an individual, list the individual shareholders/partners/members. If a Publicly held Corporation, include a copy of the 10K in lieu of completing this section.

If none, explain.

As of October 1, 2006, 100% of Greenman-Pedersen, Inc. is owned by Greenman-Pedersen, Inc. Employee Stock Trust Fund (ESOT).

5 File(s) uploaded: ESOT Letter 1-11-2022 (signed).pdf, ESOT Letter 1-11-2022 (signed).pdf, ESOT Letter 1-22-2021 (signed).pdf, ESOT Letter 1-4-2023 (signed).pdf, GPI 2020 ESOT Letter (signed).pdf

6. List all affiliated and related companies and their relationship to the firm entered on line 1. above (if none, enter "None"). Attach a separate disclosure form for each affiliated or subsidiary company that may take part in the performance of this contract. Such disclosure shall be updated to include affiliated or subsidiary companies not previously disclosed that participate in the performance of the contract.

No affiliated or subsidiary company will be taking part in the performance of this contract.

10 File(s) uploaded: GPI Subsidiaries NC for CC&V 3-21-22.pdf, GPI Subsidiaries NC for CC&V 8-12-22.pdf, GPI Subsidiaries NC for CC&V 9-13-22.pdf, Q6 - GPI Subsidiaries NC 8-31-21.pdf, Q6 GPI Subsidiaries & Affiliates NC for CC&V 2-10-23.pdf, Subsidiaries-Affiliates for NC 2-22-21.pdf, Subsidiaries-Affiliates for NC as of 10-16-19.pdf, Subsidiaries-Affiliates for NC as of 3-16-20.pdf, Subsidiaries-Affiliates for NC as of 6-26-19.pdf, Subsidiaries-Affiliates for NC as of 9-8-20.pdf

7. List all lobbyists whose services were utilized at any stage in this matter (i.e., pre-bid, bid, post-bid, etc.). If none, enter "None." The term "lobbyist" means any and every person or organization retained, employed or designated by any client to influence - or promote a matter before - Nassau County, its agencies, boards, commissions, department heads, legislators or committees, including but not limited to the Open Space and Parks Advisory Committee and Planning Commission. Such matters include, but are not limited to, requests for proposals, development or improvement of real property subject to County regulation, procurements. The term "lobbyist" does not include any officer, director, trustee, employee, counsel or agent of the County of Nassau, or State of New York, when discharging his or her official duties.

Are there lobbyists involved in this matter?

YES [] NO [X]

(a) Name, title, business address and telephone number of lobbyist(s):

None

(b) Describe lobbying activity of each lobbyist. See below for a complete description of lobbying activities.

None

(c) List whether and where the person/organization is registered as a lobbyist (e.g., Nassau County, New York State):

None

8. VERIFICATION: This section must be signed by a principal of the consultant, contractor or Vendor authorized as a signatory of the firm for the purpose of executing Contracts.

The undersigned affirms and so swears that he/she has read and understood the foregoing statements and they are, to his/her knowledge, true and accurate.

Electronically signed and certified at the date and time indicated by:

Gregory Zenk, PE [GZENK@GPINET.COM]

Dated: 02/13/2023 08:45:01 am

Title: Executive Vice President/Branch Manager

The term lobbying shall mean any attempt to influence: any determination made by the Nassau County Legislature, or any member thereof, with respect to the introduction, passage, defeat, or substance of any local legislation or resolution; any determination by the County Executive to support, oppose, approve or disapprove any local legislation or resolution, whether or not such legislation has been introduced in the County Legislature; any determination by an elected County official or an officer or employee of the County with respect to the procurement of goods, services or construction, including the preparation of contract specifications, including but not limited to the preparation of requests for proposals, or solicitation, award or administration of a contract or with respect to the solicitation, award or administration of a grant, loan, or agreement involving the disbursement of public monies; any determination made by the County Executive, County Legislature, or by the County of Nassau, its agencies, boards, commissions, department heads or committees, including but not limited to the Open Space and Parks Advisory Committee, the Planning Commission, with respect to the zoning, use, development or improvement of real property subject to County regulation, or any agencies, boards, commissions, department heads or committees with respect to requests for proposals, bidding, procurement or contracting for services for the County; any determination made by an elected county official or an officer or employee of the county with respect to the terms of the acquisition or disposition by the county of any interest in real property, with respect to a license or permit for the use of real property of or by the county, or with respect to a franchise, concession or revocable consent; the proposal, adoption, amendment or rejection by an agency of any rule having the force and effect of law; the decision to hold, timing or outcome of any rate making proceeding before an agency; the agenda or any determination of a board or commission; any determination regarding the calendaring or scope of any legislature oversight hearing; the issuance, repeal, modification or substance of a County Executive Order; or any determination made by an elected county official or an officer or employee of the county to support or oppose any state or federal legislation, rule or regulation, including any determination made to support or oppose that is contingent on any amendment of such legislation, rule or regulation, whether or not such legislation has been formally introduced and whether or not such rule or regulation has been formally proposed.

Greenman-Pedersen, Inc.

February 10, 2023

EIN: 11-2537074

Nassau County Vendor Integrity Submission

Board of Directors' List

| Name | Residence Address Business Address |
|---|---|
| Steven Greenman, PE Chairman of the Board | <div data-bbox="771 476 1138 512"></div> 325 W. Main Street, Babylon, NY 11702 |
| Christer Ericsson, PE Chief Executive Officer/President | <div data-bbox="771 552 1157 588"></div> 21 Daniel Street, 2nd Floor, Portsmouth, NH 03801 |
| Michael Buoncore, CPA Executive Vice President/Chief Financial Officer Secretary and Treasurer | <div data-bbox="771 627 1271 674"></div> 325 W. Main Street, Babylon, NY 11702 |

EIN: 11-2537074

Nassau County Consultant's, Contractor's and Vendor's Disclosure Form

Question 4:

List names and addresses of all principals; that is, all individuals serving on the Board of Directors or comparable body, all partners and limited partners, all corporate officers, all parties of Joint Ventures, and all members and officers of limited liability companies.

| Name | Residence Address Business Address |
|---|---------------------------------------|
| Steven Greenman, PE Chairman of the Board | [REDACTED] |
| Christer Ericsson, PE Chief Executive Officer/President | [REDACTED] |
| Michael Buoncore, CPA Executive Vice President/Chief Financial Officer Secretary and Treasurer | [REDACTED] |
| M. Denise Carter, PE Executive Vice President/Chief Strategy Officer | [REDACTED] |
| [REDACTED] | [REDACTED] |
| [REDACTED] | [REDACTED] |

January 4, 2023

To Whom It May Concern:

As of October 1, 2006, one hundred percent (100%) of Greenman-Pedersen, Inc. (GPI) stock was owned by the Greenman-Pedersen, Inc. Employee Stock Ownership Trust ("ESOT"), as a result of a Stock Redemption Agreement by and between Greenman-Pedersen, Inc. and all of its shareholders, except for the ESOT (hereinafter called, "the Agreement"). As part of this agreement, GPI redeemed, into Treasury, shares of stock in exchange for 15 year promissory notes with all of the shareholders.

The ESOT, in conjunction with the Greenman-Pedersen, Inc. Employee Stock Ownership Plan ("ESOP"), hereinafter collectively referred to as the "Plan", qualifies as a stock bonus plan under Section 401 (A) and an employee stock ownership plan under Section 4975(e)(7) of the Internal Revenue Code of 1986, as amended.

The Plan is currently represented and managed by:

Capital Trustees, LLC

17. S. Second Street, Suite 301

Harrisburg, PA 17101

(717) 919-5172

Richard A. Heeter, Managing Director

The Trustee is responsible for maximizing the benefit of the Plan's beneficiaries, which includes proper investment strategy and the equitable fairness of the Plan. The Plan's intent is to recognize the efforts of GPI's employees to sustain the success of the Company. Lastly, Federal regulations require that the Plan's primary investments must be in employer securities (company stock). The Plan is in compliance with all pertinent regulations.

Annual contributions to the Plan are determined by the Company's Board of Directors and may be made in the form of Company stock and/ or cash. The stock portion of the contribution is issued out of Treasury. Simultaneous to this determination, all contributions are allocated to each qualified employee based on two criteria: 1) the employee's years of service compared to total years of service of all eligible employees and, 2) employee's compensation compared to the total compensation of all eligible employees. Any employer securities shown in an employee's account does not infer actual ownership in the Company by that employee, but rather the rights that the employee has, as a beneficiary, to the economic value that those shares represent.

I hope that this brief explanation outlines the nature of the Plan's ownership in GPI.

Very truly yours,

GREENMAN-PEDERSEN, INC.



Michael J. Buoncore
Executive Vice President / CFO

Consultant's, Contractor's and Vendor's Disclosure Form

Question 6:

List all affiliated and related companies and their relationship to the firm entered on line 1. above

Subsidiaries:

| FEIN | Firm Name Address | Phone | Dates From - To |
|------------|---|--------------|-----------------------|
| 45-0535502 | GPI Geospatial 423 South Keller Road, Suite 300 Orlando, FL 32810 | 407-851-7880 | 1/1/2018 to Present |
| 32-0363167 | GPI Michigan Inc. 4403 Donker Court SE Kentwood, MI 49512 | 616-940-3112 | 12/23/2011 to Present |
| 38-2563749 | GPI Laboratories, Inc. 4403 Donker Court SE Kentwood, MI 49512 | 616-940-3112 | 06/01/2006 to Present |
| 59-2405375 | Underwater Engineering Services, Inc. 3306 Enterprise Road Fort Pierce, FL 34982 | 772-337-3116 | 01/01/2021 to Present |

Affiliate:

| FEIN | Firm Name Address | Phone | Dates From - To |
|------------|--|--------------|----------------------|
| 35-2221195 | GPI Engineering, Landscape Architecture and Surveying, LLP 325 W. Main Street Babylon, NY 11702 | 631-587-5060 | 12/5/2003 to Present |

Please note that the previously disclosed companies listed below have merged with Greenman-Pedersen, Inc. as of the dates indicated:

- **Keller & Kirkpatrick, Inc.**, Morris Plains, NJ – as of July 1, 2020
- **MHF Design Consultants, Inc.**, Salem, NH – as of December 31, 2020
- **S3E Engineers, Inc.**, Springfield, VA – as of January 8, 2021
- **Horizon Engineering Group, Inc.**, Maitland, FL – as of January 1, 2022
- **Holbert Apple Associates, Inc.**, Olney, MD – as of April 1, 2022



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/18/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION** IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | | | | | | | | | | | |
|--|--|---|--------------|--|-------|---------------------------------------|-------|--|-------|-------------|--|-------------|--|
| PRODUCER PG Genatt Group LLC 3333 NEW HYDE PARK RD SUITE 409 NEW HYDE PARK NY 11042 | CONTACT NAME: Jeff Kozarsky PHONE (A/C, No, Ext): 516-869-8788 E-MAIL ADDRESS: jkozarsky@genattgrp.com FAX (A/C, No): 516-470-0338 | | | | | | | | | | | | |
| INSURED Greenman Pedersen, Inc. 325 West Main Street (Babylon, NY) Babylon NY 11702 | INSURER(S) AFFORDING COVERAGE <table><tr><td>INSURER A : Starr Indemnity & Liability Company</td><td>NAIC # 38318</td></tr><tr><td>INSURER B : XL Specialty Insurance Company</td><td>37885</td></tr><tr><td>INSURER C : Berkley Insurance Company</td><td>32603</td></tr><tr><td>INSURER D : Everest National Insurance Company</td><td>10120</td></tr><tr><td>INSURER E :</td><td></td></tr><tr><td>INSURER F :</td><td></td></tr></table> | INSURER A : Starr Indemnity & Liability Company | NAIC # 38318 | INSURER B : XL Specialty Insurance Company | 37885 | INSURER C : Berkley Insurance Company | 32603 | INSURER D : Everest National Insurance Company | 10120 | INSURER E : | | INSURER F : | |
| INSURER A : Starr Indemnity & Liability Company | NAIC # 38318 | | | | | | | | | | | | |
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| INSURER C : Berkley Insurance Company | 32603 | | | | | | | | | | | | |
| INSURER D : Everest National Insurance Company | 10120 | | | | | | | | | | | | |
| INSURER E : | | | | | | | | | | | | | |
| INSURER F : | | | | | | | | | | | | | |

COVERAGES**CERTIFICATE NUMBER:** 1556596272**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|---|---------------------------------|----------|----------------------------------|--------------------------|--------------------------|---|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER: | Y | | 1000025533221 | 12/31/2022 | 12/31/2023 | EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000 \$ |
| A | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY | Y | | 1000198539221 | 12/31/2022 | 12/31/2023 | COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| D | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 25,000 | Y | | XC5CU00324-221 | 12/31/2022 | 12/31/2023 | EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ |
| A A | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below | Y/N <input type="checkbox"/> | N/A | 1000002543 1000002541 | 12/31/2022 12/31/2022 | 12/31/2023 12/31/2023 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |
| B C | Property Professional Liability | | | UM00082200MA22A AEC-905031302 | 12/31/2022 12/31/2021 | 12/31/2023 12/31/2023 | Valuable Papers \$150,000 Each Claim \$2,000,000 Aggregate \$2,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

WORKERS COMPENSATION NOT APPLICABLE IN MONOPOLISTIC STATES - OH, ND, WA, WY FOREGOING PER POLICY FORM

BAB-2200077.00 TMC Operations Personnel IV (T62000-08E)

Additional Insured Status Encompasses General Liability Automobile Coverage as required by written contract. Nassau County Department of Public Works is included as additional insured as required by written contract.

CERTIFICATE HOLDER**CANCELLATION** 30 day notice appliesNassau County Department of Public Works
1194 Prospect Ave
Westbury, NY 11590

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

TO: Office of the County Executive
Att: Arthur T. Walsh, Chief Deputy County Executive

FROM: Department of Public Works

DATE: March 23, 2023

SUBJECT: Recommendation to Engage Consultant Services
TMC Operations Personnel Phase 4
Agreement Number T62000-08E

The County desires to utilize consultant personnel for the day-to-day operation of County's Traffic Management Center (TMC) in Westbury. The proposed personnel will staff the TMC for twenty-four (24) hours a day, seven (7) days a week. This contract is reimbursed at an eighty percent (80%) by New York State Department of Transportation (NYSDOT). The proposed contract will be for a three-year period.

Firms were requested to submit technical and cost proposals in accordance with the Department's Request for Proposal (RFP) dated August 19, 2022. The RFP was prepared in accordance with the Department's policy for assessing technical understanding, statement of qualifications and proposed project schedule. The RFP was posted on the County's website and advertised in *Newsday* and *NYS Contract Reporter*.

A proposal from one (1) firm was received on September 16, 2022. The technical proposal was evaluated by professionals from within the Department. Following the review, a technical rank was established, and the cost proposal was reviewed. The results of the technical evaluation are summarized below, along with the firm's cost proposal as requested in the RFP.

| <u>FIRM NAME</u> | <u>TECH RANK</u> | <u>TECH RATING</u> | <u>TMC STAFF COST PROPOSAL</u> | <u>COST PROPOSAL WITH CONTINGENCY</u> |
|-------------------------|----------------------|------------------------|------------------------------------|---|
| Greenman-Pedersen, Inc. | 1 | 93.3 | \$3,882,138 | \$5,046,779 |

In order to meet the Federal DBE requirements Greenman-Pedersen, Inc. has proposed to utilize the services of M&J Engineering, a Minority Business Enterprise, as a sub-consultant for this project.

Greenman-Pedersen's proposed team and experience will continue to provide the best value to the County, and it is the Department's recommendation that they be retained for this assignment. The total cost of \$3,894,738 is considered fair and reasonable for the professional services to be rendered.

Funds will be made available from the Department's operating fund.

With your concurrence, the Department will process on call agreement through the appropriate approvals.

Following your approval, or disapproval, we will proceed accordingly.



Office of the County Executive

Att: Arthur T. Walsh, Chief Deputy County Executive

March 23, 2023

Page two

SUBJECT: Recommendation to Engage Consultant Services
TMC Operations Personnel Phase 4
Agreement Number T62000-08E

With your concurrence, the Department will process on call agreement through the appropriate approvals.

Following your approval, or disapproval, we will proceed accordingly.



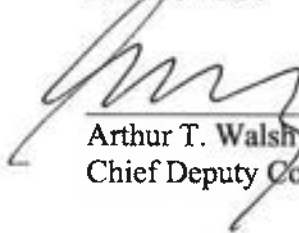
Kenneth G. Arnold
Commissioner

KGA:JGP:HTL:pl

c: Joseph G. Pecora, Deputy Commissioner
Harold T. Lutz, Director of Traffic Engineering
Jeff Lindgren, Project Manager

APPROVED:

DISAPPROVED:



3/23/23

Arthur T. Walsh
Chief Deputy County Executive

Date

Arthur T. Walsh
Chief Deputy County Executive

Date

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

TO: Kenneth G. Arnold, Commissioner

FROM: Joseph G. Pecora, Deputy Commissioner

DATE: October 18, 2022

SUBJECT: Low Participation for Bid Contract
TMC Personnel Phase IV
Bid Contract No. T62000-08E / PIN 0761.27

A request for proposals (RFP) was recently issued for project: Traffic Management Center Operations Personnel Phase 4. The RFP was advertised August 19, 2022, and received one (1) proposal from a firm on September 16, 2022.

A number of firms downloaded and reviewed the solicitation but did not submit a proposal. An inquiry was made to a few firms that did not submit a proposal as to why they did not submit a proposal. The answer most given was that they did not have the personnel available for the contract.

The following are the questions from the Low Vendor Participation memo dated May 23, 2018, from DCE John Chiara, with responses.

- 1) Review the specification to ensure that it is not unduly restrictive so as to limit competition. Is any component of the solicitation so restrictive that only one or a small number of vendors is capable of responding to the solicitation? If so, were those vendors notified of the solicitation? **Response: the bid was not restrictive; however, there is a limited pool of qualified firms that have appropriate staff and resources needed to provide the necessary services to meet the requirements of the contract.**
- 2) Was the solicitation advertised and posted on the County website as required? **Response: yes.**
- 3) Would we be likely to obtain greater vendor participation by advertising in other venues (e.g., New York State Contract Reporter, trade journals, other local media, etc.)? **Response: the bid was advertised in NYSCR and Newsday.**
- 4) Was the NIGP commodity code used to conduct the solicitation appropriate? Were appropriate vendors registered with the County for that commodity code or otherwise notified? **Response: The correct commodity codes were utilized in e-procure, accordingly, the vendors registered for that commodity code received an automatic notification.**
- 5) Is the market for the specified goods or services structurally limited (i.e., are there geographic, capital, vendor capacity, service schedule, or other requirements) such that the greater vendor participation is not possible? **Response: Does not apply.**



Kenneth G. Arnold, Commissioner

October 18, 2022

Page 2.

SUBJECT: Low Participation for Bid Contract
TMC Personnel Phase IV
Bid Contract No. T62000-08E / PIN 0761.27

- 6) Survey vendors that received notice of the solicitation but did not respond to determine why the vendor chose not to do so. Typical responses include but are not limited to:
- a. The vendor did not see the advertisement. **Response: Thirty-two (32) vendors downloaded the contract documents.**
 - b. The vendor does not offer the specified goods/services-as a follow-up, ask if the specification is too specific to a competitor's product (is the specification "brand-specific" or written to one manufacturer's or service provider's offering?) **Response: Does not apply.**
 - c. The vendor is too busy with other work at this time **Response: Most vendors contacted stated their personnel were too busy to commit to this contract.**

Joseph G. Pecora

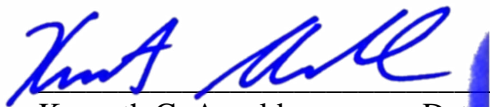
Joseph G. Pecora
Deputy Commissioner

JGP:HTL:jd

- c: Jane Houdek, Attorney for Public Works
Harold T. Lutz, Director of Traffic Engineering
Daniel H. Winkelman, Assistant Director of Traffic Engineering
Jeff Lindgren, Project Manager

APPROVED:

DISAPPROVED:



10/21/22

Kenneth G. Arnold
Commissioner

Date

Kenneth G. Arnold
Commissioner

Date

REQUEST TO INITIATE

RTI Number 22-0054

REQUEST FOR QUALIFICATIONS/REQUEST FOR PROPOSAL/REQUEST FOR BID CONTRACT

PART I: Approval by the Deputy County Executive for Operations must be obtained prior to ANY RFQ/RFP/RFBC
☐ RFQ ☒ RFP ☐ RFBC ☐ In-House or Requirements Work Order

Project Title: TMC Operations Personnel Phase 4 T62000-08E PIN: 0761.27

Department: Public Works Project Manager: Jeff Lindgren Date: February 15, 2022

Service Requested: Provide personnel for the day-to-day operations of the County's Traffic Management Center.

Justification: This project will result in a personal services agreement to operate the Traffic Management Center 24 hours a day.

Requested by: Public Works, Traffic Management

Department/Agency/Office

Project Cost for this Phase/Contract: (Place Design/Construction/CM/Equipment) \$3,270,000 3 yr value
Code appropriate phaseTotal Project Cost: \$3,270,000 3 yr value
Includes, design, construction and CMDate Start Work: 02/03/2023
Phase being requestedDuration: 02/03/2026
Phase being requestedCapital Funding Approval: YES ☐ NO ☐Roseann Delleva
SIGNATURE02-16-22
DATEFunding Allocation (Capital Project):
See Attached Sheet if multiyear ☐NIFS Entered:
SIGNATURE DATE

AIM Entered:

M. Delle 2/23/22
SIGNATURE DATEFunding Code: pwgen0154 de554
use this on all encumbrances

Timesheet Code:

22-0054
use this on timesheets

State Environmental Quality Review Act (SEQRA):

Type II Action ☒ or, Environmental Assessment Form Required ☐
Supplemental Environmental DocumentationDepartment Head Approval: YES ☒ NO ☐Tina A. Hill
SIGNATUREDCE/Ops Approval: YES ☒ NO ☐Michael W. Parsons 02/18/2022
SIGNATURE

PART II: To be submitted to Chief Deputy County Executive after Qualifications/Proposals/Contracts are received from Responding vendors.

| Vendor | Quote | Comment | See Attached Sheet <input type="checkbox"/> |
|----------|-------|---------|---|
| 1. _____ | _____ | _____ | |
| 2. _____ | _____ | _____ | |
| 3. _____ | _____ | _____ | |
| 4. _____ | _____ | _____ | |

DCE/Ops Approval: YES NO Signature _____

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

TO: Jeff Lindgren, Project Manager

FROM: Office of the Commissioner

DATE: March 22, 2022

SUBJECT: CSEA Sub-Contracting Approval
C22-0054 Contract Number: T62000-08E
TMC Operations Personnel Phase 4

Please be aware in accordance with Section 32-3 of the CSEA/County CBA, the Department has met with CSEA representatives to discuss your proposed DPW contract referenced above. Pursuant to Section 32-3 of the CSEA/County CBA, CSEA has withdrawn its objection to the above-referenced contract known as **C22-0054**.

Please prepare the necessary documentation to proceed with your work. Once the advisement is certified you may issue the contractor a Notice to Proceed.

Roseann D'Alleva

Roseann D'Alleva
Deputy Commissioner

RD:jd

c: Kenneth G. Arnold, Commissioner
Joseph G. Pecora, Deputy Commissioner
Loretta Dionisio, Assistant to Deputy Commissioner



COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

C22-0054

TO: Civil Service Employees Association, Nassau Local 830
Att: Ronald Gurrieri, President

FROM: Department of Public Works

DATE: March 14, 2022

SUBJECT: CSEA Notification of a Proposed DPW Contract
TMC Operations Personnel Phase 4
Contract No.: T62000-08E

The following notification is to comply with the spirit and intent of Section 32 of the County/CSEA contract. It should not be implied that the proposed DPW authorization is for work which has "historically and exclusively been performed by bargaining unit members."

1. DPW plans to recommend a contract/agreement for the following services:
Engineering
2. The work involves the following: Twenty-four (24) hour operation of the County's Traffic Management Center.
3. An estimate of the cost is: \$3,270,000.00
4. An estimate of the duration is: Thirty-six (36) months
5. Due to the nature and complexity of this work, historically, projects of this type have not been completed utilizing County work force.

Should you wish to propose an alternative to the proposed contract/agreement, please respond within ten (10) days to: Department of Public Works, Att: Roseann D'Alleva, Deputy Commissioner, telephone 1-0525, fax 1-9657.

Roseann D'Alleva

Roseann D'Alleva
Deputy Commissioner

RD:JGP:HTL:ac

c: Jose Lopez, Director, Office of Labor Relations
Seth Blau, Deputy Director, Office of Labor Relations
Joseph G. Pecora, Deputy Commissioner
Loretta Dionisio, Assistant to Deputy Commissioner
Harold T. Lutz, Director of Traffic Engineering
Christopher Yansick, Unit Head, Financial Services Unit
Diane Pyne, Unit Head, Human Resources
Jeff Lindgren, Project Manager
Elizabeth Cotton, Office of Labor Relations



U.S. DEPARTMENT OF JUSTICE
OFFICE OF JUSTICE PROGRAMS
OFFICE OF THE COMPTROLLER

**Certification Regarding
Debarment, Suspension, Ineligibility and Voluntary Exclusion
Lower Tier Covered Transactions
(Sub-Recipient)**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 28 CFR Part 67, Section 67.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988 *Federal Register* (pages 19160-19211).

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

(1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department of agency.

(2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Gregory Zenk, PE, Executive Vice President/Branch Manager 2/28/2023
Name and Title of Authorized Representative mid/yy


Signature


2/28/2023
Date

Greenman-Pedersen, Inc.
Name of Organization

325 W. Main Street, Babylon, NY 11702
Address of Organization

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
CONSULTANT/ CONTRACTOR DETAILED MBE/WBE UTILIZATION PLAN

Part 1- General Information:

| | |
|---|--|
| Consultant/Contractor Name: | Greenman - Pedersen, Inc. |
| Address (street/city/state/zip code): | 325 West Main Street, Babylon, NY 11702 |
| Authorized Representative (name/title): | Gregory Zenk, P.E., Executive Vice President |
| Authorized Signature: |  |
| Contract Number: | T62000-08E |
| Contract/Project Name: | TMC Operations Personnel Phase IV |
| Contract/Project Description: | This project provides full time personnel to staff the County's Traffic Management Center (TMC) facility in Westbury, New York. Services include performing the daily functions of the Traffic Management Center, maintenance of TMC network systems and deployment of field operations equipment. |

Part 2- Projected MBE/WBE Contract Summary:

| | Amount (\$) | | Percentage (%) |
|--|----------------|------------------------------------|----------------|
| Total Dollar Value of the Prime Contract | \$3,882,138.00 | | |
| Total MBE Dollar Amount | \$791,194.00 | MBE Contract Percentage | 20% |
| Total WBE Dollar Amount | 0.00 | WBE Contract Percentage | 0.00 |
| Total Combined M/WBE Dollar Amount | \$791,194.00 | Combined M/WBE Contract Percentage | 20% |

Part 3- MBE Information (use additional blank sheets as necessary):

| MBE Firm | Description of Work (MBE) | Projected MBE Contract Amount(\$) and Award Date | MBE Contract Scheduled Start Date and Completion Date |
|---|--|---|--|
| Name: M&J Engineering, P.C. Address: 2003 Jericho Turnpike City: New Hyde Park, NY State/Zip Code: 11040 Authorized Representative: Maqsood Malik Telephone No. 516-821-7300 | M&J will be providing two (2) fulltime TMC Operators and one (1) alternate to staff the County's Traffic Management (TMC) facility in Westbury, New York | Amount (\$): \$791,194.00 <hr/> Award Date: <hr/> | Start Date: TBD <hr/> Completion Date: TBD <hr/> |
| Name: Address: City: State/Zip Code: Authorized Representative: Telephone No. | | Amount (\$): <hr/> Award Date: <hr/> | Start Date: <hr/> Completion Date: <hr/> |
| Name: Address: City: State/Zip Code: Authorized Representative: Telephone No. | | Amount (\$): <hr/> Award Date: <hr/> | Start Date: <hr/> Completion Date: <hr/> |

Part 4- WBE Information (use additional blank sheets as necessary):

| WBE Firm | Description of Work (WBE) | Projected WBE Contract Amount(\$) and Award Date | WBE Contract Scheduled Start Date and Completion Date |
|----------------------------|---------------------------|---|---|
| Name: | | Amount (\$): | Start Date: |
| Address: | | | |
| City: | | | |
| State/Zip Code: | | Award Date: | Completion Date: |
| Authorized Representative: | | | |
| Telephone No. | | | |
| Name: | | Amount (\$): | Start Date: |
| Address: | | | |
| City: | | | |
| State/Zip Code: | | Award Date: | Completion Date: |
| Authorized Representative: | | | |
| Telephone No. | | | |
| Name: | | Amount (\$): | Start Date: |
| Address: | | | |
| City: | | | |
| State/Zip Code: | | Award Date: | Completion Date: |
| Authorized Representative: | | | |
| Telephone No. | | | |