



E-62-20

NIFS ID:CFPW20000005 Department: Public Works**Capital: X****SERVICE: Design Services-Resurfacing Phase 54-H61587-54C****Contract ID #:CFPW20000005****NIFS Entry Date: 15-JAN-20****Term: from to**

New
Time Extension:
Addl. Funds:
Blanket Resolution:
RES#

1) Mandated Program:	N
2) Comptroller Approval Form Attached:	Y
3) CSEA Agmt. § 32 Compliance Attached:	Y
4) Vendor Ownership & Mgmt. Disclosure Attached:	Y
5) Insurance Required	Y

Vendor Info:	
Name: Louis K McLean Associates Engineers & Surveyors, PC	Vendor ID#: [REDACTED]
Address: 437 South Country Road Brookhaven, NY 11719	Contact Person: Raymond DiBiase Phone: 631-286-8668

Department:
Contact Name: Daniel Wong
Address: NCDPW 1194 Prospect Avenue Westbury, NY 11590 Phone: 516-571-6886

Routing Slip

Department	NIFS Entry: X	15-JAN-20 -- EKOBEL
Department	NIFS Approval: X	15-JAN-20 -- RDALLEVA
DPW	Capital Fund Approved: X	15-JAN-20 -- RDALLEVA
OMB	NIFA Approval: X	17-JAN-20 -- CNOLAN
OMB	NIFS Approval: X	17-JAN-20 -- NGUMIENIAK
County Atty.	Insurance Verification: X	16-JAN-20 -- AAMATO
County Atty.	Approval to Form: X	16-JAN-20 -- NSARANDIS

CPO	Approval: X	10-FEB-20 -- KOHAGENCE
DCEC	Approval: X	13-FEB-20 -- JCHIARA
Dep. CE	Approval: X	14-FEB-20 -- BSCHNEIDER
Leg. Affairs	Approval/Review: X	27-FEB-20 -- JSCHANTZ
Legislature	Approval:	
Comptroller	Deputy:	
NIFA	NIFA Approval:	

Contract Summary

Purpose: To retain professional engineering services for the design of resurfacing phase 54. Phase 54 includes Wantagh Avenue from Hempstead Turnpike to Park Avenue. These services include evaluating the condition of all existing curbs, curb ramps and driveway aprons and propose repairs/replacements of deteriorated cross-section elements. Services also include addressing drainage issues and repairing/replacing deteriorated concrete, among other responsibilities.
Method of Procurement: Procurement through an RFP was processed in accordance with DPW procedures for retaining professional services. RFP was issues 2/26/19 and the bids were due on 4/5/19. There were a total of seven bids received, with LKMA offering the best value to the County
Procurement History: Standard Nassau County Agreement format utilized. eProcure: 2/26/19 - 4/5/19 Newsday: 2/26/2019 NYS Contract Reporter: 2/26/2019 - 3/29/19
Description of General Provisions: The Request for Proposal (RFP) was prepared in conformance with the Departments Policy for assessing understanding, technical approach, statement qualification, firm capability and past relevant experiences. The RFP was posted on the Countys website utilizing E-Procure, New York State Contract Reporter and in Newsday. LKMA was technically ranked number two among the submittals from the seven firms. It was determined that the highest ranking firm did not take into consideration work associated widening and implementation of necessary traffic safety improvements. LKMA's staff and experience will provide the best value to the County. The proposed fee of \$585,000 represents a fair fee for the proposed services.
Impact on Funding / Price Analysis: The maximum amount to be paid to the Firm for the Firm's services under this Agreement shall not to exceed Five Hundred Eighty Five Thousand Dollars (\$585,000.00). Funds are available in capital project 61587. This contract currently has a 9% MWBE utilization
Change in Contract from Prior Procurement: N/A
Recommendation: (approve as submitted) Approve as Submitted

Advisement Information

BUDGET CODES		FUNDING SOURCE	AMOUNT	LINE	INDEX/OBJECT CODE	AMOUNT
Fund:	CAP	Revenue		1	PWCAPCAP/61587/	\$ 585,000.00
Control:	61	Contract:			054/00002	\$ 0.00
Resp:	587	County	\$ 0.00			\$ 0.00
Object:	00002	Federal	\$ 0.00			\$ 0.00
Transaction:	CF					

Project #:	61587	State	\$ 0.00			\$ 0.00
Detail:	054	Capital	\$ 585,000.00			\$ 0.00
<div>RENEWAL</div> <div>% Increase</div> <div>% Decrease</div>		Other	\$ 0.00			\$ 0.00
		TOTAL	\$ 585,000.00		TOTAL	\$ 585,000.00

RULES RESOLUTION NO. – 2020

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 LOUIS K. MCLEAN ASSOCIATES ENGINEERS & SURVEYORS, P.C.

WHEREAS, the County has negotiated a personal services agreement with Louis K. McLean Associates Engineers & Surveyors, P.C. for the development of various reports and performing various services in connection with Resurfacing Phase 54, 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 Louis K. McLean Associates Engineers & Surveyors, P.C.

65 & C. 0. 00 111

21/01/2020 10:30:00
21/01/2020 10:30:00

NIFA Nassau County Interim Finance Authority

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

1. Vendor: Louis K McLean Associates Engineers & Surveyors, PC

2. Dollar amount requiring NIFA approval: \$585000

Amount to be encumbered: \$585000

This is a 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: 3 years from date of execution

Has work or services on this contract commenced? Y ____

If yes, please explain:

4. Funding Source:

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

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

If not, will it require a future borrowing? N

Has the County Legislature approved the borrowing? Y

Has NIFA approved the borrowing for this contract? Y

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

To retain professional engineering services for the design of resurfacing phase 54. Phase 54 includes Wantagh Avenue from Hempstead Turnpike to Park Avenue.

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

Nassau County Attorney as to form Y

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	Date	Amount

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.

CNOLAN

17-JAN-20

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.

Jack Schnirman
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: Louis K McLean Associates Engineers & Surveyors, PC

CONTRACTOR ADDRESS: 437 South Country Road, Brookhaven NY 11719

FEDERAL TAX ID #: [REDACTED]

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 2/26/19 [date]. Potential proposers were made aware of the availability of the RFP by advertisement in Newsday [newspaper], posting on industry websites, via email to interested parties and by publication on the County procurement website. Proposals were due on 4/5/19 [date]. 7 [state #] proposals were received and evaluated. The evaluation committee consisted of: Rakhal Maitra, P.E., Deputy Commissioner; Richard Iadevaio, Jr., Superintendent of Highway & Construction; Harold T. Lutz, P.E., Director of Traffic Engineering and Garry Desyr, Civil Engineer II

_____ (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.

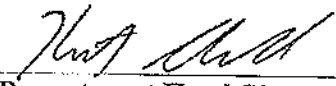
Instructions with respect to Sections VIII, IX and X: All Departments must check the box for VIII. Then, check the box for either IX or X, as applicable.

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

10/12/13
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

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?

County Exec Mangano, County Exec Laura Curran, Controller Jack Schnirman, Nassau County Republican Committee

2. 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.

The undersigned further certifies and affirms that the contribution(s) to the campaign committees identified above were made freely and without duress, threat or any promise of a governmental benefit or in exchange for any benefit or remuneration.

Electronically signed and certified at the date and time indicated by:
Robert A. Steele, PE [RSTEELE@LKMA.COM]

Dated: 10/11/2019 08:54:19 AM

Vendor: Louis K McLean Associates Engineers &
Surveyors, PC

Title: Executive VP, Secretary, Treasurer



COUNTY OF NASSAU

LOBBYIST REGISTRATION AND DISCLOSURE FORM

1. Name, address and telephone number of lobbyist(s)/lobbying organization. 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.

none

2. List whether and where the person/organization is registered as a lobbyist (e.g., Nassau County, New York State):

none

3. Name, address and telephone number of client(s) by whom, or on whose behalf, the lobbyist is retained, employed or designated:

none

4. Describe lobbying activity conducted, or to be conducted, in Nassau County, and identify client(s) for each activity listed. See the last page for a complete description of lobbying activities.

none

5. The name of persons, organizations or governmental entities before whom the lobbyist expects to lobby:

none

6. If such lobbyist is retained or employed pursuant to a written agreement of retainer or employment, you must attach a copy of such document; and if agreement of retainer or employment is oral, attach a written statement of the substance thereof. If the written agreement of retainer or employment does not contain a signed authorization from the client by whom you have been authorized to lobby, separately attach such a written authorization from the client.

7. Has the lobbyist/lobbying organization or any of its corporate officers 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? If none, you must so state:

I understand that copies of this form will be sent to the Nassau County Department of Information Technology ("IT") to

be posted on the County's website.

I also understand that upon termination of retainer, employment or designation I must give written notice to the County Attorney within thirty (30) days of termination.

VERIFICATION: 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.

The undersigned further certifies and affirms that the contribution(s) to the campaign committees listed above were made freely and without duress, threat or any promise of a governmental benefit or in exchange for any benefit or remuneration.

Electronically signed and certified at the date and time indicated by:
Raymond DiBiase, PE [RDIBIASE@LKMA.COM]

Dated: 09/09/2019 10:59:15 AM

Vendor:

Louis K McLean Associates Engineers
& Surveyors, PC

Title:

President/CEO

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.

The term "lobbying" or "lobbying activities" does not include: Persons engaged in drafting legislation, rules, regulations or rates; persons advising clients and rendering opinions on proposed legislation, rules, regulations or rates, where such professional services are not otherwise connected with legislative or executive action on such legislation or administrative action on such rules, regulations or rates; newspapers and other periodicals and radio and television stations and owners and employees thereof, provided that their activities in connection with proposed legislation, rules, regulations or rates are limited to the publication or broadcast of news items, editorials or other comment, or paid advertisements; persons who participate as witnesses, attorneys or other representatives in public rule-making or rate-making proceedings of a County agency, with respect to all participation by such persons which is part of the public record thereof and all preparation by such persons for such participation; persons who attempt to influence a County agency in an adjudicatory proceeding, as defined by § 102 of the New York State Administrative Procedure Act.

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: Raymond DiBiase
Date of birth: [REDACTED]
[REDACTED]
[REDACTED]
Business Address: 437 South Country Road
City: Brookhaven State: NY Zip Code: 11719
Telephone: (631) 286-8668
Other present address(es): _____
City: _____ State: _____ Zip Code: _____
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>01/01/2018</u>	Treasurer	
Chairman of Board	_____	Shareholder	<u>01/01/1995</u>
Chief Exec. Officer	_____	Secretary	<u>01/01/2002</u>
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.
partial owner - 86%
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:
- 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.
 - 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.
 - 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.
 - 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.
- Is there any felony charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.
 - Is there any misdemeanor charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.
 - Is there any administrative charge pending against you?
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.
 - 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? Y
YES ☐ NO ☒ If yes, provide an explanation of the circumstances and corrective action taken.
 - 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, Raymond DiBiase, 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, Raymond DiBiase, 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.

Louis K McLean Associates Engineers & Associates, PC
Name of submitting business

Electronically signed and certified at the date and time indicated by:
Raymond G. DiBiase, PE [RDIBIASE@LKMA.COM]

President / CEO
Title

10/11/2019 09:09:28 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: Robert A Steele, PE
Date of birth: [REDACTED]
[REDACTED]
[REDACTED]
Business Address: 437 South Country Road
City: Brookhaven State: NY Zip Code: 11719
Telephone: (631) 286-8668
Other present address(es): _____
City: _____ State: _____ Zip Code: _____
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>01/01/2018</u>
Chairman of Board	_____	Shareholder	_____
Chief Exec. Officer	_____	Secretary	<u>01/01/2018</u>
Chief Financial Officer	_____	Partner	_____
Vice President	<u>01/01/2018</u>		
(Other)	_____		
3. Do you have an equity interest in the business submitting the questionnaire?
YES ☒ NO ☐ If Yes, provide details.
14%
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? Y
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, Robert A. Steele, 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, Robert A. Steele, 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.

Louis K McLean Associates Engineers & Surveyors, PC

Name of submitting business

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

Robert Steele, PE [RSTEELE@LKMA.COM]

Executive VP, Secretary/Treasurer

Title

10/11/2019 08:59:30 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: 09/09/2019

- 1) Proposer's Legal Name: Louis K McLean Associates Engineers & Surveyors, PC
- 2) Address of Place of Business: 437 South Country Road
City: Brookhaven State: NY Zip Code: 11719
- 3) Mailing Address (if different): _____
City: _____ State: _____ Zip Code: _____
Phone: _____
Does the business own or rent its facilities? Own _____ If other, please provide details: _____
- 4) Dun and Bradstreet number: 125571166
- 5) Federal I.D. Number: 112667189
- 6) The proposer is a: Corporation (Describe) _____
- 7) Does this business share office space, staff, or equipment expenses with any other business?
YES ☐ NO ☒ If yes, please provide details: _____
- 8) Does this business control one or more other businesses?
YES ☐ NO ☒ If yes, please provide details: _____
- 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: _____
- 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.

- 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.
- (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.
- (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.
- 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.

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 ☒

Is the proposer an individual?

YES ☐ NO ☒ Should the proposer be other than an individual, the Proposal MUST include:

- i) Date of formation;
- 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.
- iii) Name, address and position of all officers and directors of the company. If none, explain.
- iv) State of incorporation (if applicable);
- v) The number of employees in the firm;
- vi) Annual revenue of firm;
- vii) Summary of relevant accomplishments

B. Indicate number of years in business.

- C. Provide any other information which would be appropriate and helpful in determining the Proposer's capacity and reliability to perform these services.
 see attachment
- 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 SCDPW
 Contact Person William Hillman, PE
 Address 335 Yaphank Avenue
 City Yaphank State NY
 Telephone (631) 852-4002
 Fax #
 E-Mail Address william.hillman@suffolkcountyny.gov

Company NYSDOT
 Contact Person Ken Murphy, PE
 Address 250 Veterans Highway
 City Hauppauge State NY
 Telephone (631) 952-6654
 Fax #
 E-Mail Address ken.murphy@dot.ny.gov

Company LIRR
 Contact Person Gus DaSilva
 Address 8840 164th Street
 City Jamaica State NY
 Telephone (718) 558-3731
 Fax #
 E-Mail Address gdasilva@lirr.org

I, Raymond DiBiase, 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, Raymond DiBiase, 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: Louis K McLean Associates Engineers & Surveyors, PC

Electronically signed and certified at the date and time indicated by:
Raymond DiBiase, PE [RDIBIASE@LKMA.COM]

President/CEO

Title

10/09/2019 01:13:12 PM

Date

Vendor Disclosure Statement Information

Table of Organization

Officers – 5% or more:

Raymond G. DiBiase, P.E. (86)
President and Chief Executive Officer

[REDACTED]

Robert A. Steele, P.E. (14)
Executive Vice-President and Secretary/Treasurer

[REDACTED]

Shareholders:

Raymond G. DiBiase, P.E.
Robert A. Steele, P.E.

Board of Directors:

Raymond G. DiBiase, P.E., President
Robert A. Steele, P.E., Vice-President and Secretary/Treasurer
Tamara L. Stillman, P.L.S., Assistant Secretary

Counsel:

L'Abbate, Balken, Colavita & Contini, LLP

[REDACTED]

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

LOUIS K MCLEAN ASSOCIATES ENGINEERS & SURVEYORS PC
437 SOUTH COUNTRY ROAD
BROOKHAVEN, NY 11719-0000

TO PROVIDE PROFESSIONAL ENGINEERING SERVICES IN THE STATE OF NEW YORK FOR
THE PERIOD 01/01/2018 TO 12/31/2020.



Maryellen Elia
MARYELLEN ELIA
COMMISSIONER OF EDUCATION

CERTIFICATE NUMBER
0014413

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

LOUIS K MCLEAN ASSOCIATES ENGINEERS & SURVEYORS PC
437 SOUTH COUNTRY ROAD
BROOKHAVEN, NY 11719-0000

TO PROVIDE LAND SURVEYING SERVICES IN THE STATE OF NEW YORK FOR THE PERIOD
08/01/2017 TO 07/31/2020.



Maryellen Elia
MARYELLEN ELIA
COMMISSIONER OF EDUCATION

CERTIFICATE NUMBER
0014047



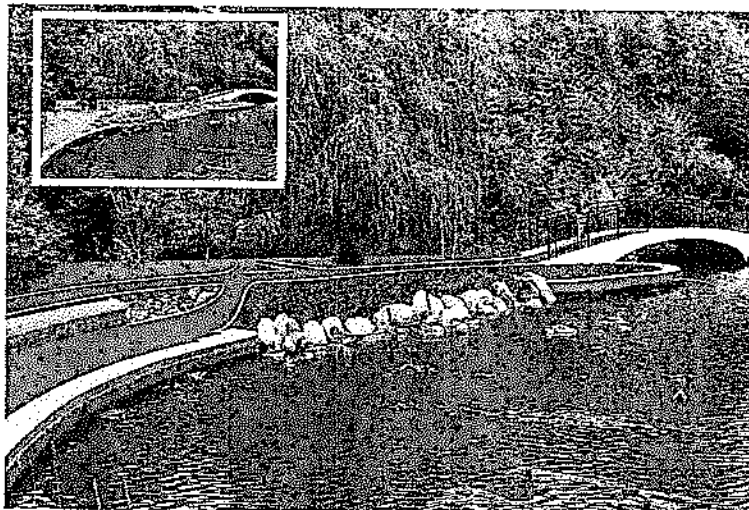
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: SILVER LAKE DRAINAGE IMPROVEMENTS STUDY

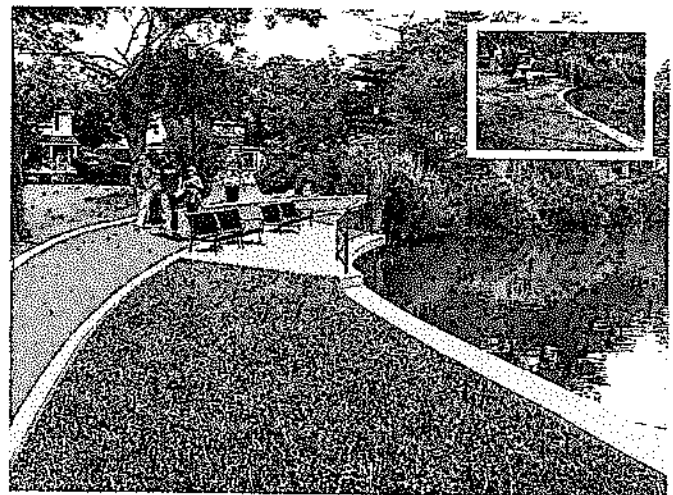
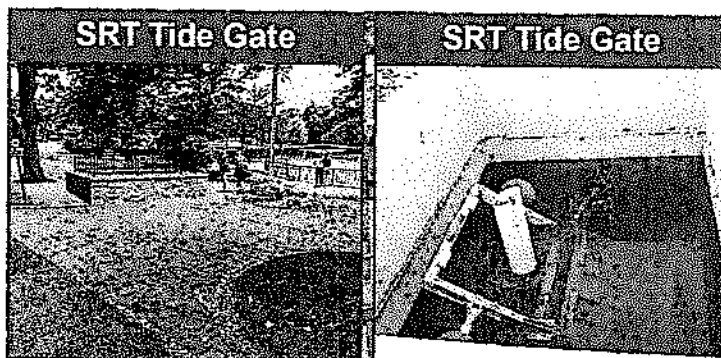
CLIENT REFERENCE: SEAN SALLIE
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
516-571-9342



In 2018, the LKMA completed the Technical Design Report and the 30% Design Plans for the Silver Lake Drainage Improvements Project. This project required an extensive drainage inventory of the upland 2,675 acre watershed as well as creation of a drainage model that would analyze the existing drainage conditions and provide flood mitigation solutions that would fit into the County's limited funds for the project (\$1.7 million). As a result of both the drainage study and heavy community participation, LKMA developed four high priority projects that will significantly reduce the occurrence of flooding, improve water quality and improve the overall aesthetics of the park.



- GOSR FUNDED
- STORMWATER MODELING
- HIGHWAY DRAINAGE
- 2018 COMPLETION
- \$1.7 MILLION (EST CONSTRUCTION)



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(631) 286-8668

25 NEWBRIDGE ROAD, SUITE 304
HICKSVILLE, NY 11801
(631) 286-8668

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PROJECT NAME: BARNUM ISLAND / HARBOR ISLE DRAINAGE STUDY

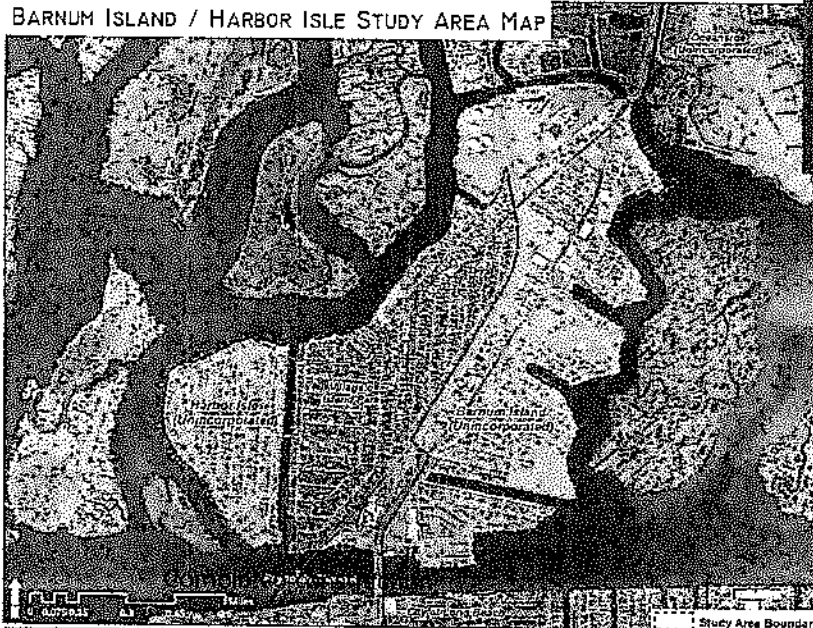
CLIENT REFERENCE: SEAN SALLIE
NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS
516-571-9342



LKMA was the Lead Consultant for this Governor's Office of Storm Recovery (GOSR)-funded project to investigate existing stormwater deficiencies within the Hamlets of Barnum Island and Harbor Isle, located in the Town of Hempstead; and identify flood reduction projects that, when implemented, will address the existing stormwater deficiencies. During the study phase of this project, the design team coordinated its efforts with the local municipalities including the Town of Hempstead, the Village of Island Park and Nassau County, and held meetings with community groups, including the Island Park Civic Association and the NYRCR Barnum Island/Oceanside/the Village of Island Park/Harbor Isle Committee. The study evaluated the functionality of eleven (11) different drainage systems with outfalls located on Harbor Isle and thirty (30) drainage systems with outfalls located on Barnum Island. Proposed alternative improvements were developed to identify upgrades to the existing drainage infrastructure to accommodate the design criteria's rainfall and tidal events. An important aspect of the study was the prioritization of the proposed drainage improvement project locations, taking into consideration key variables such as magnitude of flooding, number of homes affected, significance of location (i.e. evacuation routes, schools, emergency services), cost and green infrastructure implementation. Proposed solutions include road raisings, check valves, and drainage system capacity improvements.

- GOSR FUNDED
- STORMWATER MODELING
- HIGHWAY DRAINAGE
- 2017 COMPLETION
- \$10.5 MILLION (EST CONSTRUCTION)

BARNUM ISLAND / HARBOR ISLE STUDY AREA MAP



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HICKSVILLE NY 11801
(631) 286-8668

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PROJECT NAME: NYS ROUTE 110 RECONSTRUCTION DRAINAGE IMPROVEMENTS, HUNTINGTON



CLIENT REFERENCE: GLENN MURRELL, PE
NEW YORK STATE DEPARTMENT OF TRANSPORTATION
631-952-6018

This project evaluated the development of feasible alternatives for roadway and significant drainage improvements on a 0.9 mile section of NYS Route 110 (New York Avenue) in the vicinity of Huntington Harbor, and developed plans for construction. The project area suffers from several contributing factors that create a complex flooding situation, including low and nearly flat elevations of the roadway; steep grade of the surrounding area; a 3,500 acre watershed area; high groundwater table; influence of tidal action due to proximity of the Huntington Bay; and significant development of the area and the stream parallel to Rte. 110.

Hydraulic and hydrologic modeling of the large urban watershed was performed using the USEPA SWMM program and an evaluation of stormwater treatment Best Management Practices was conducted. An innovative drainage solution, including upgrading the capacity of a parallel creek to accommodate stormwater flows, was developed. The project was awarded an "Evergreen" rating—the highest possible rating under NYSDOT's (Green Leadership In Transportation Environmental Sustainability), a transportation environmental sustainability rating program.

WET POND—STORMWATER TREATMENT

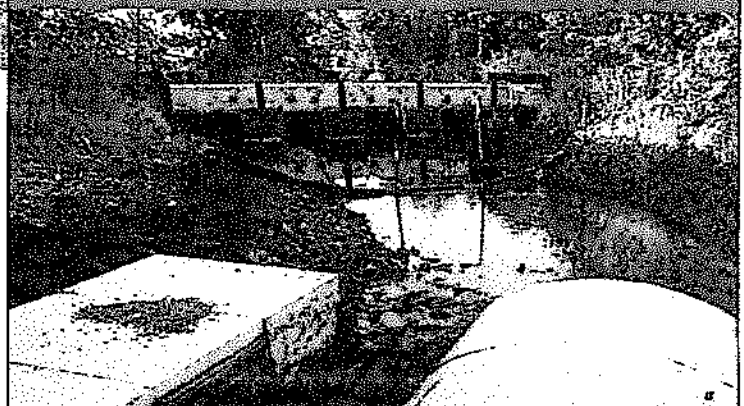


- HYDRAULIC/HYDROLOGIC MODELING
- USEPA SWMM PROGRAM
- AWARDED "EVERGREEN" RATING
- 2014 COMPLETION
- \$21,000,000

PRE-CONSTRUCTION FLOODING



ENVIRONMENTALLY FRIENDLY TIDE GATES



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HICKSVILLE, NY 11801
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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: 'PATH TO THE PARK' SHORELINE IMPROVEMENTS IN SOUTH VALLEY STREAM

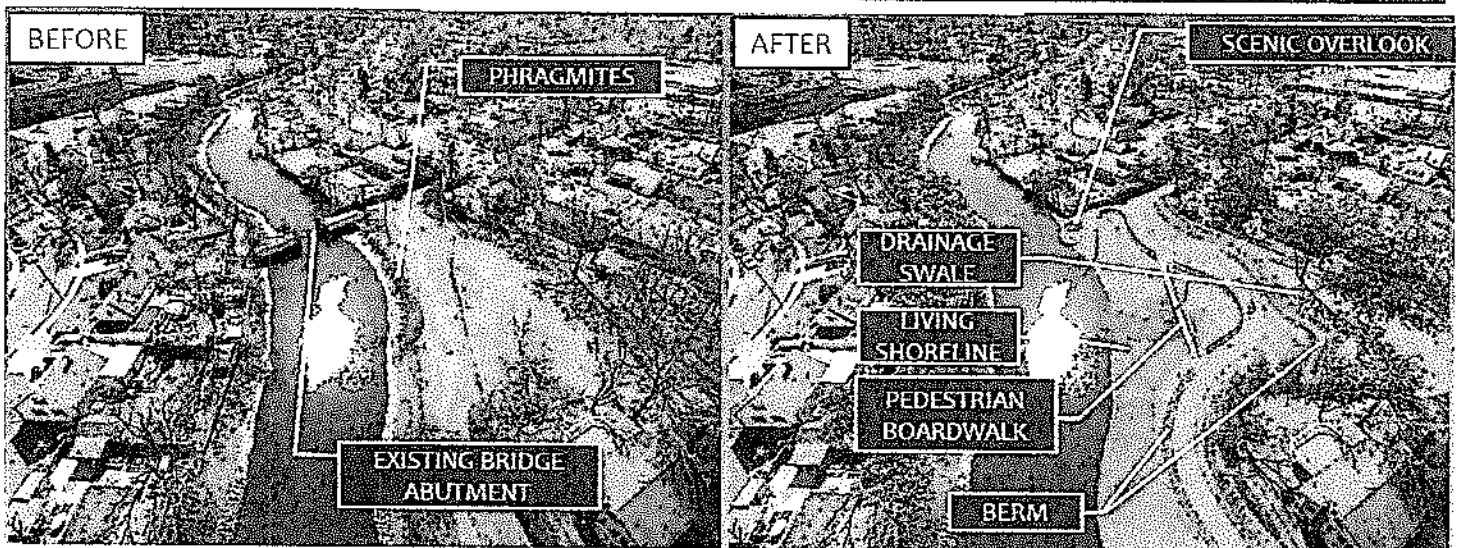
CLIENT REFERENCE: JEFFEREY TIERNEY
DEPUTY COMMISSIONER / DEPARTMENT OF ENGINEERING
TOWN OF HEMPSTEAD
516-812-3483



LKMA is the Lead Consultant for this Governor's Office of Storm Recovery (GOSR)-funded project to restore the natural shoreline along Valley Stream from Cloverfield Road north to Mill Road and the adjacent 2,000 foot Path to the Park. A second component of this project is the replacement of the existing deteriorated timber bulkhead at Brook Road Park with a vinyl bulkhead anchored with helical earth anchors. The overall concept of the project is to remove invasive plant species and plant native wetland species that will create a living shoreline that utilizes a combination of both green and hardened features to re-establish the park's shorelines at a higher and more flood resilient elevation.

All proposed upland and wetland plantings were native plant species. Other improvements at the park includes the design of a scenic overlook, pedestrian boardwalk pollinator garden, kayak launch, osprey's nest and pocket-park.

- NYSGOSR
- TIMBER BULKHEAD REPLACEMENT
- WETLAND SPECIES
- SCENIC OVERLOOK
- 2019 SCHEDULED COMPLETION
- \$3,300,000 CONSTRUCTION COST



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HICKSVILLE NY 11801
(631) 286-8668

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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: STORMWATER QUALITY IMPROVEMENTS NESSENGER CHEVROLET SITE

CLIENT REFERENCE: EDWARD MORRIS
COMMISSIONER OF PARKS & RECREATION
TOWN OF BROOKHAVEN
631-451-6140



Under a NY State Environmental Facilities Corporation Grant, LKMA developed plans and procured environmental permits for stormwater quality improvements at the site of a former Chevrolet dealer in Patchogue. In addition to establishing a wet meadow for stormwater treatment prior to its entering the adjacent Swan River, a passive-use park was created which showcases a variety of green infrastructure technics with educational signing that explains the features and benefits of the project. Other green infrastructure practices installed include a parking lot and maintenance road constructed of permeable pavers and a bio-retention basin. As part of this project, the original streambed of the Swan River was re-shaped to form a more natural cross sectional geometry and invasive plant species were removed and replaced with native wetland species. Other amenities include an ADA-accessible walking path and significant landscaping.

- STORMWATER TREATMENT
- GREEN INFRASTRUCTURE
- ENVIRONMENTAL PERMITTING
- ADA COMPLIANCE
- LANDSCAPING
- 2017 COMPLETION
- \$1,000,000



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

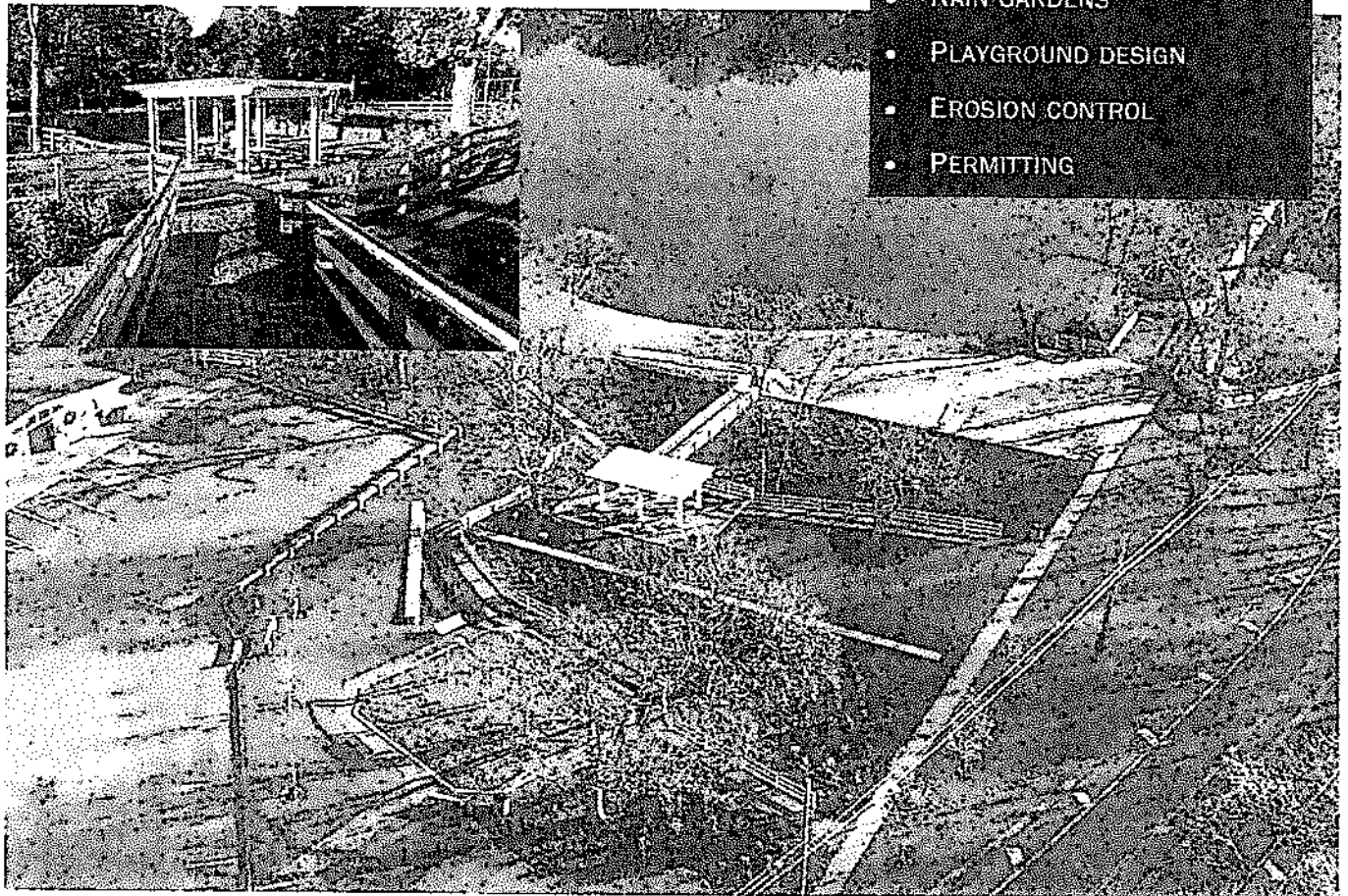
PROJECT NAME: KALER'S POND SITE IMPROVEMENTS, MORICHES, NY

CLIENT REFERENCE: ED MORRIS, COMMISSIONER
TOWN OF BROOKHAVEN DEPARTMENT OF PARKS & RECREATION
631-451-6140



Design and permitting of new exterior site improvements to the existing grounds of the recreational facility in Moriches. The improvements were made along the existing sloped area between the existing comfort station building/parking lot and west edge of Kaler's Pond. The sloped area is difficult to vegetate and often is the subject of soil erosion. The improvements designed by LKMA included the construction of ramped paths, rain gardens and new playground areas that promote storm-water management, ADA accessibility and less maintenance to the park grounds. LKMA obtained the required environmental approvals from the NYSDEC's Freshwater Wetlands Division for the project. Project was completed in 2016.

- PARK DESIGN
- RAIN GARDENS
- PLAYGROUND DESIGN
- EROSION CONTROL
- PERMITTING



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HICKSVILLE NY 11801
(631) 286-8668

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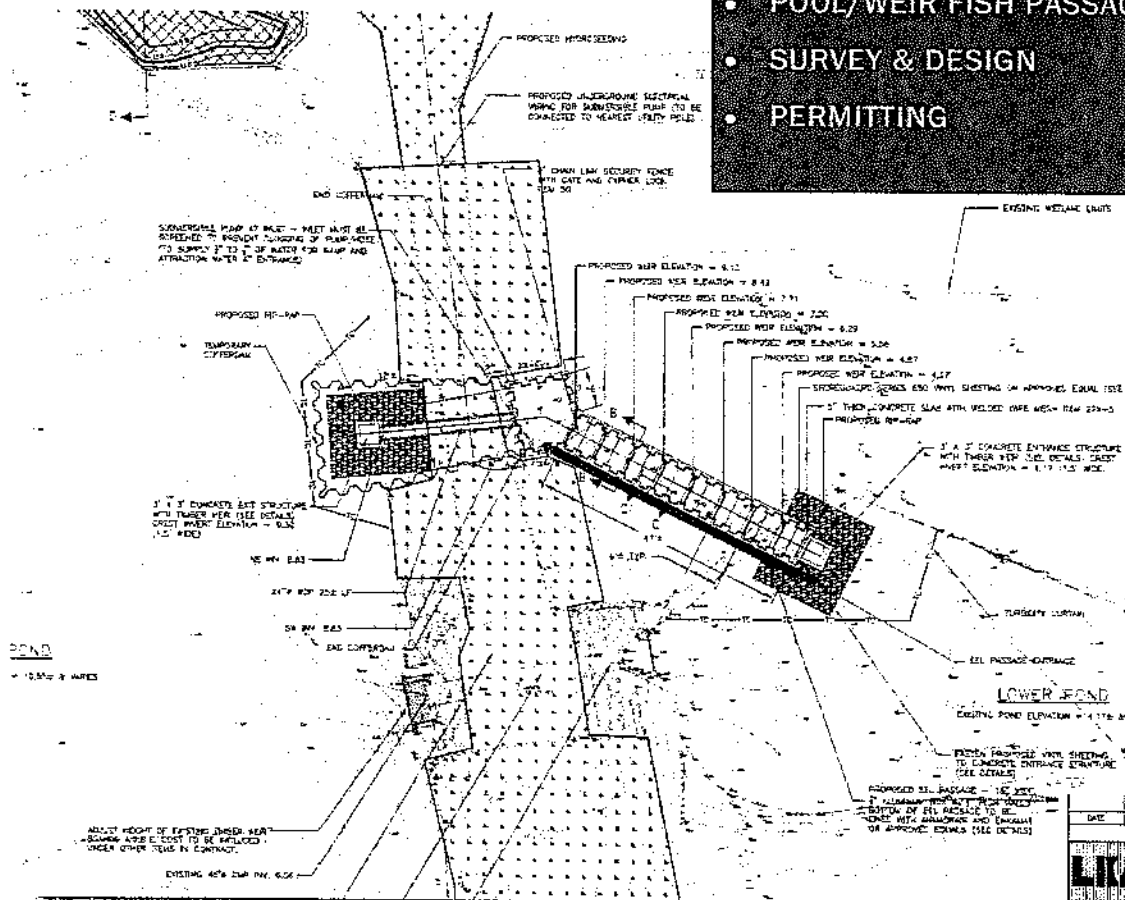
PROJECT NAME: FISH LADDER AT WOODHULL'S DAM

CLIENT REFERENCE: KYLE SWARINGEN, PE
SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS
631-852-4078



LKMA is providing survey, design and permitting services necessary for the construction of a pool and weir fish passage at Woodhull's Dam located on the Little River, a tributary to the Peconic River in Southampton. The site is within Cranberry Bog County Park. Design of a fish passage will restore and improve the ecosystem and fisheries of the river, which contains State-designated Significant Coastal Fish and Wildlife Habitats. The fish ladder is a pool and weir style that will provide safe passage for the primary target species, including Alewife. A separate eel passage design was incorporated to accommodate the American eel.

- POOL/WEIR FISH PASSAGE
- SURVEY & DESIGN
- PERMITTING



Above is the General plan showing the proposed pool and weir fish passage at Woodhull Dam in Riverhead. The design has received concurrence from the U.S. Fish and Wildlife Service, USACOE permit and is currently being reviewed by the NYSDEC wetland and dam safety division.



TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

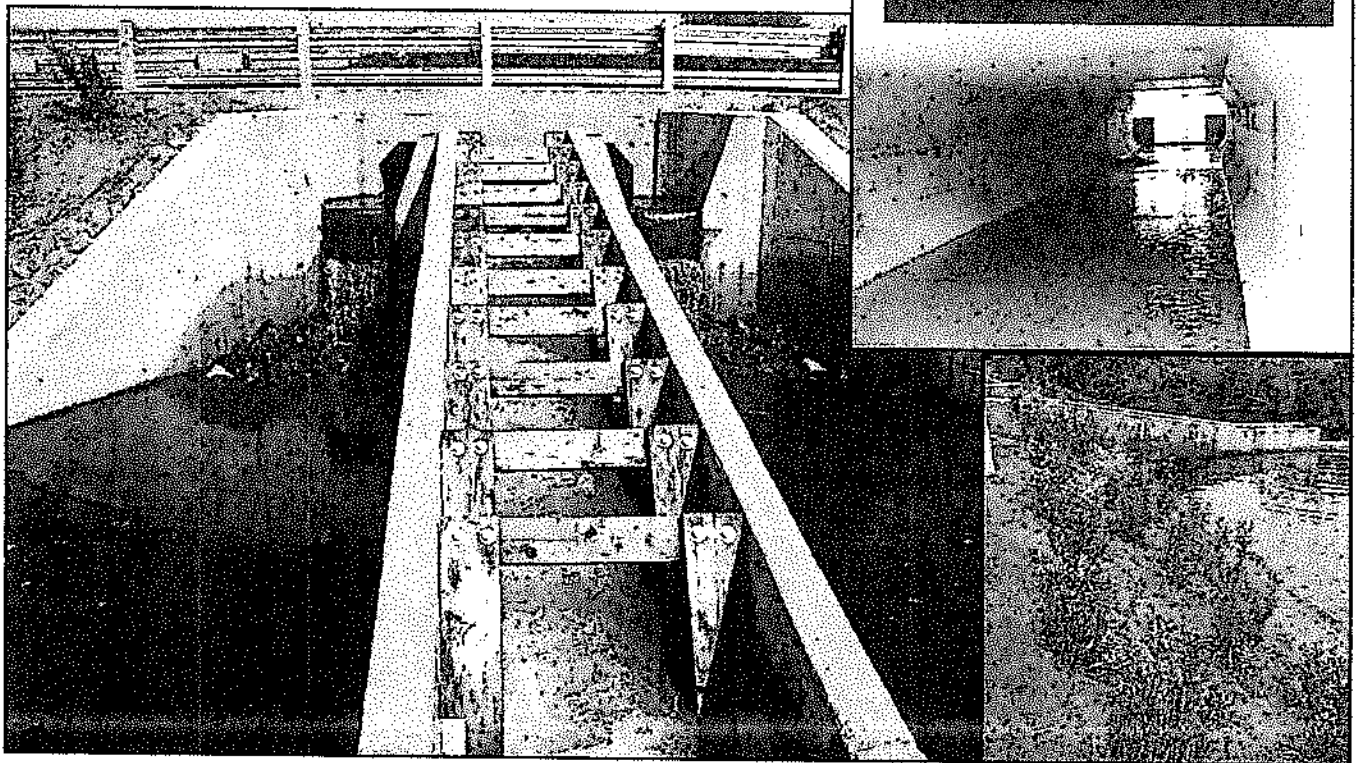
PROJECT NAME: TRACTION BLVD CULVERT & FISH LADDER, PATCHOGUE

CLIENT REFERENCE: DAN LOSQUADRO, HIGHWAY SUPERINTENDENT
TOWN OF BROOKHAVEN DEPARTMENT OF HIGHWAY
631-451-9200



LKMA prepared design plans for the emergency replacement of an existing culvert below Traction Boulevard dam on Canaan Lake. In addition, LKMA coordinated utility relocations, and procured NYSDEC freshwater wetland permits and US Fish & Wildlife approvals. A unique feature of this project is the design of a "Denil" fish ladder as well as a separate eel passage. The project involved the installation of a new precast concrete culvert structure adjacent to the existing damaged culvert which was demolished once the new culvert was completed. The project also involved the installation of additional drainage, new fencing, new timber bulkhead, guiderail, trash interceptor (rack) and new asphalt pavement. Challenging aspects of the project included the heavy dependency on Traction Blvd. relative to local traffic, dewatering and relocation of utilities above and below the proposed culvert. During construction, LKMA ensured that the contractor maintained detour routes, coordinated access with emergency responders and facilitated access at the end of each work day, which minimized complaints from residences and local businesses.

- DENIL FISH LADDER DESIGN
- CULVERT REPLACEMENT
- UTILITY COORDINATION
- BULKHEAD DESIGN
- PERMITTING



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

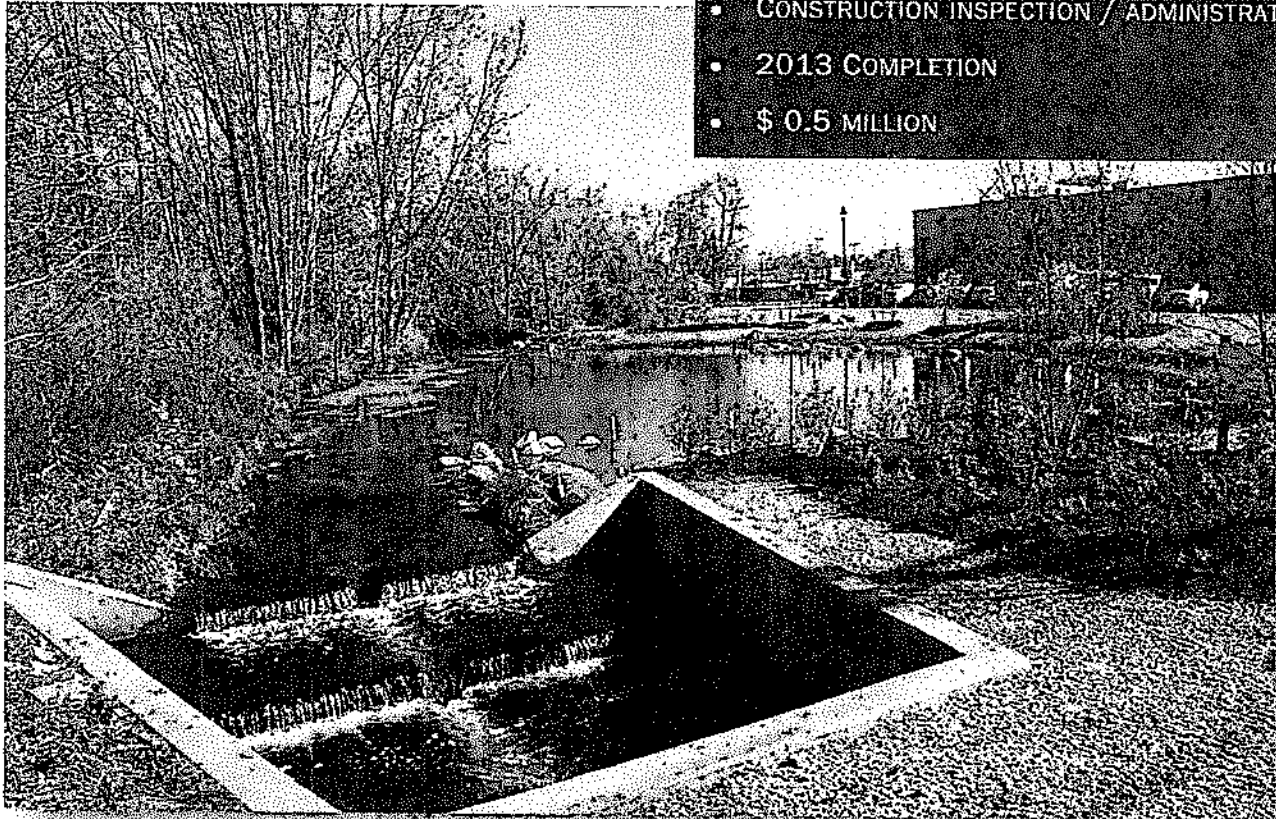
PROJECT NAME: BAY SHORE MILL POND, TOWN OF ISLIP

CLIENT REFERENCE: HARRY SUNDEN
TOWN OF ISLIP DIVISION OF ENGINEERING
631-224-5360



LKMA developed plans for the creation of a new pond located on the north side of Montauk Highway, west of Southside Hospital and along the Penataquit Creek in downtown Bay Shore. Construction of the pond required mitigation of contaminated soils, sediment sampling and analysis and disposal of the contaminated material at a facility off Long Island. The pond incorporated features such as native wetland and upland plantings, safety benches, boulders, bio-logs and outfalls into the existing fish ladder on the north side of Montauk Highway. LKMA was selected for this project by the Town of Islip because of their previous work on the NYSDOT Penataquit Creek Drainage Study, which created a detailed hydrologic and hydraulic model of the Penataquit Creek watershed.

- PERMITTING
- LANDSCAPE ARCHITECTURE
- REMEDIATION
- CONSTRUCTION INSPECTION / ADMINISTRATION
- 2013 COMPLETION
- \$ 0.5 MILLION



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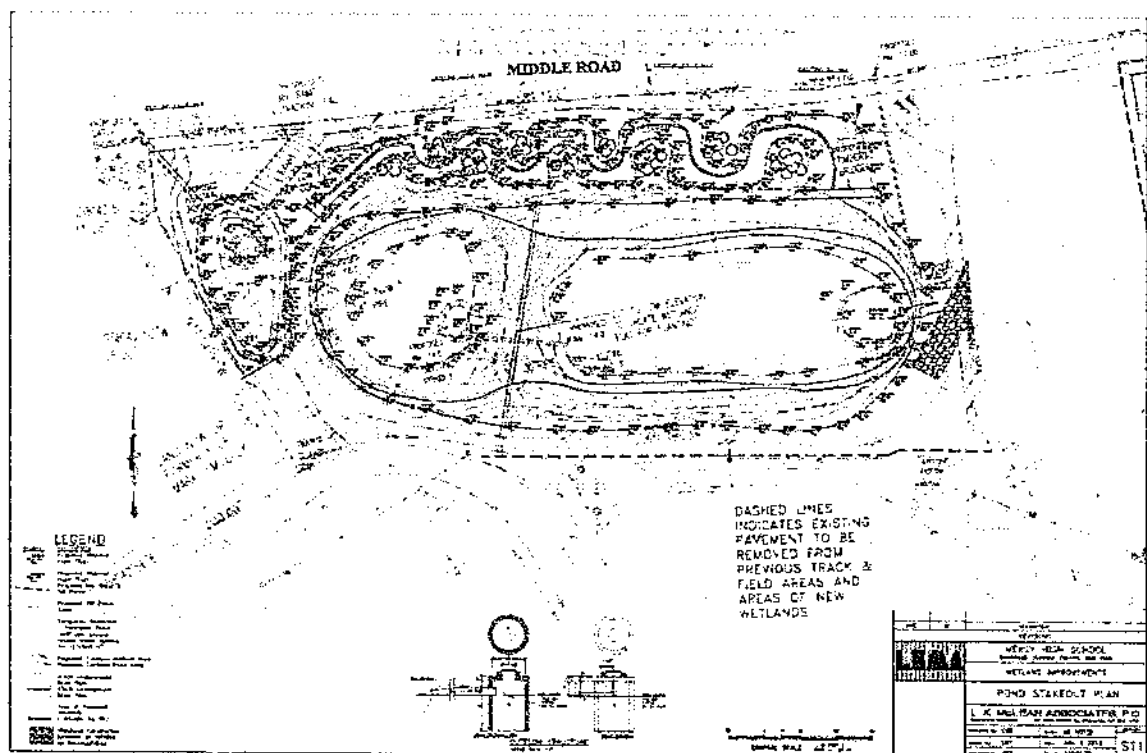
PROJECT NAME: MCGANN MERCY HIGH SCHOOL WETLAND IMPROVEMENTS



CLIENT REFERENCE: CARL SEMMLER, PRINCIPAL
BISHOP MCGANN-MERCY HIGH SCHOOL

Design and permitting (freshwater wetlands and SWPPP acceptance) of new site improvements to the existing grounds of the McGann Mercy High School property in Riverhead. The improvements included the development of new wetlands within the footprint of the former running track. The new wetlands would be constructed in a manner that enables the school to collect and treat (through bio-remediation) its storm-water runoff from the site. The project allows stormwater from the Town road (Middle Road) to be managed by weir boards and treated on site through the new freshwater wetland vegetation that removes some pollutants from the storm-water runoff. The project will allow the filling of an existing artificial wetland (recharge basin) located in the northeast corner of the school property. LKMA obtained the required environmental approvals from the NYSDEC's Freshwater Wetlands Division and the Town of Riverhead's Engineering Department (Stormwater Management Office). LKMA obtained the required environmental approvals from the NYSDEC's Freshwater Wetlands Division and the Town of Riverhead's Engineering Department (Stormwater Management Office). LKMA also conducted weekly SWPPP Inspections.

- SWPPP INSPECTIONS
- WETLANDS
- BIO REMEDIATION
- ENVIROMENTAL PERMITTING



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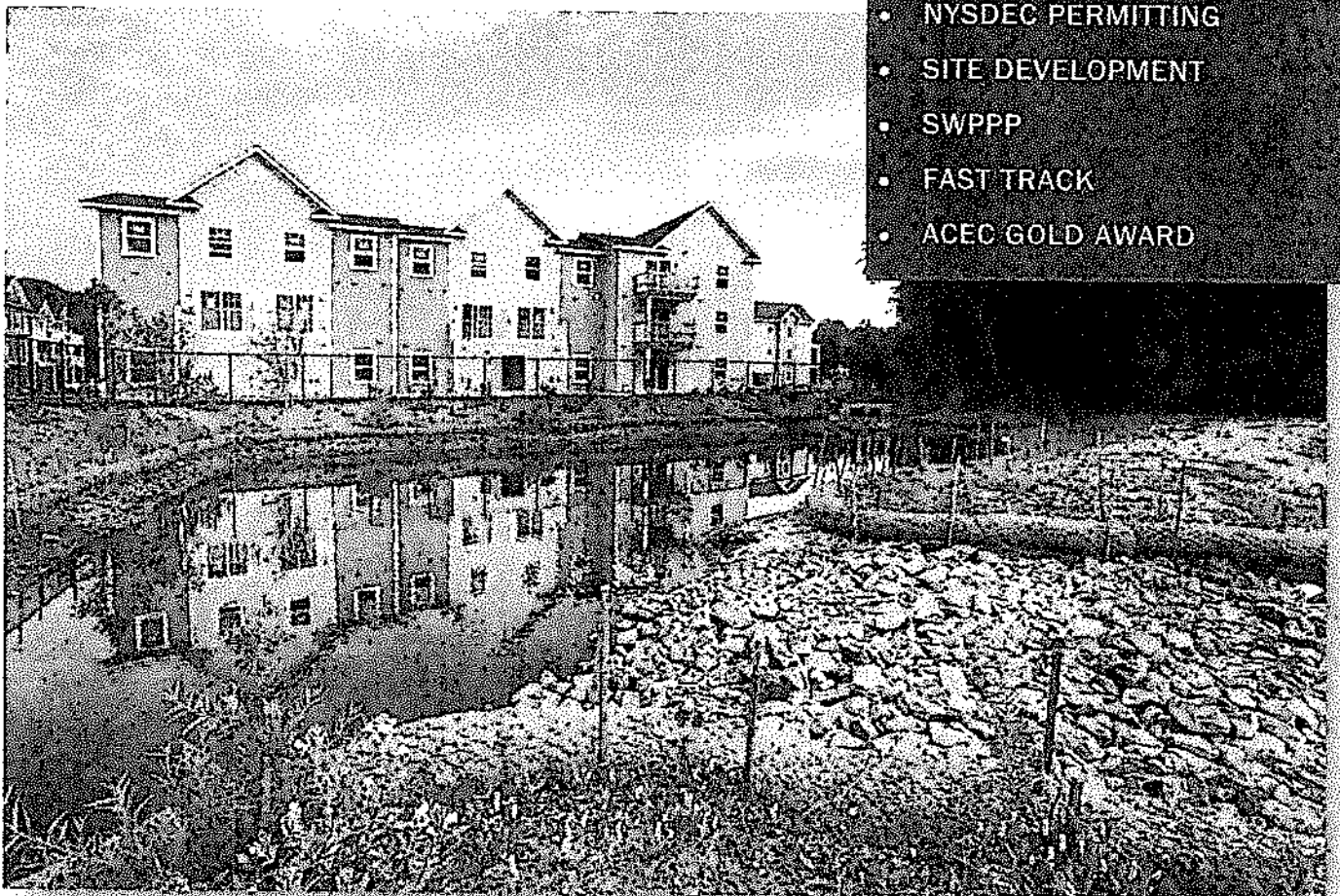


TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: WINCORAM COMMONS (BROOKHAVEN BLIGHT TO LIGHT) APARTMENT COMPLEX—SITE/CIVIL PERMITTING DESIGN

LKMA was hired by Conifer Realty LLC in 2011 to prepare wetland mitigation plans, sanitary pump station & connection plans as well as all site civil aspects of the 184-unit apartment complex in Coram (Route 112 & Route 25). The Town of Brookhaven has granted preliminary site plan approval and the NYSDEC has approved the wetland mitigation plans prepared by LKMA. The project design team consists of LKMA (engineering) and Kitchen Associates (architectural). Site civil design elements include grading, drainage, interior road design, traffic impact study, NYSDOT road & signal design, utility layout/coordination, preparation of a storm-water pollution prevention plan, landscaping, site lighting, site access, parking and other site elements. LKMA's in-house surveying capabilities have enabled the fast-track project to quickly advance into final site plan design.

- WETLAND MITIGATION
- SANITARY PUMP STATIONS
- NYSDEC PERMITTING
- SITE DEVELOPMENT
- SWPPP
- FAST TRACK
- ACEC GOLD AWARD



The site plan above depicts the new 184 unit apartment complex and site infrastructure situated at the intersection of Route 112 and Route 25 in Coram known as Wincoram Commons.

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COUNTY OF NASSAU

CONSULTANT'S, CONTRACTOR'S AND VENDOR'S DISCLOSURE FORM

1. Name of the Entity: Louis K McLean Associates Engineers & Surveyors, PC

Address: 437 South Country Road

City: Brookhaven State: NY Zip Code: 11719

2. Entity's Vendor Identification Number: 112667189

3. Type of Business: Other (specify) Prof Corp

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):

1 File(s) uploaded

No principals have been attached to this form.

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.

see attached

1 File(s) uploaded

No shareholders, members, or partners have been attached to this form.

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.

none

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 ☒

(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:
Raymond DiBiase, PE [RDIBIASE@LKMA.COM]

Dated: 11/08/2019 09:40:08 AM

Title: President/CEO

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 by 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.

Vendor Disclosure Statement Information

Table of Organization

Officers – 5% or more:

Raymond G. DiBiase, P.E. (86)
President and Chief Executive Officer

[REDACTED]
[REDACTED]

Robert A. Steele, P.E. (14)
Executive Vice-President and Secretary/Treasurer

[REDACTED]
[REDACTED]

Shareholders:

Raymond G. DiBiase, P.E.
Robert A. Steele, P.E.

Board of Directors:

Raymond G. DiBiase, P.E., President
Robert A. Steele, P.E., Vice-President and Secretary/Treasurer
Tamara L. Stillman, P.L.S., Assistant Secretary

Counsel:

L'Abbate, Balken, Colavita & Contini, LLP

[REDACTED]
[REDACTED]

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, Raymond DiBiase 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: Louis K McLean Associates Engineers & Surveyors, PC

Vendor's Address: 437 South Country Road Brookhaven NY US 11719

Vendor's EIN or TIN: 11-2667189

Forms Submitted:

Political Campaign Contribution Disclosure Form:
10/11/2019 08:54:19 AM

Lobbyist Registration and Disclosure Form:
09/09/2019 10:59:15 AM

Business History Form certified:
10/15/2019 12:14:43 PM

Consultant's, Contractor's, and Vendor's Disclosure Form:
11/08/2019 09:40:08 AM

Principal Questionnaire(s)

This refers to the most recent principal questionnaire submissions.

Principal Name	Date Certified
Raymond G. DiBiase, PE [RDIBIASE@LKMA.COM]	10/11/2019 09:09:28 AM
Robert Steele, PE [RSTEELE@LKMA.COM]	10/11/2019 08:59:30 AM

I, Raymond DiBiase 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."

Raymond DiBiase, PE

Name

President/CEO

Title

Louis K McLean Associates Engineers & Surveyors, PC

Name of Submitting Entity

12/31/2019 10:19:49 AM

Date

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) Nassau County, a municipal corporation having its principal office at 1550 Franklin Avenue, Mineola, New York 11501 (the "County") acting on behalf of the County Department of Public Works, having its principal office at 1194 Prospect Avenue, Westbury, New York 11590 (the "Department") and (ii) Louis K. McLean Associates Engineers & Surveyors, PC, a consultant engineering firm having its principal office at 437 South Country Road, Brookhaven, NY 11719 (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. The 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. Any work started by the firm, prior to the expiration date of the Agreement, may be completed in its entirety, even if the work is performed beyond the expiration date of the Agreement. An Amendment will not be required for the sole purpose of extending the term of the contract.

2. Services.

(a) The services to be provided by the Firm under this Agreement consist of the development of a **Technical Design Report (TDR), ADA Report, Surveying Services, Detailed Design Plans, Construction Estimates, Specifications and Special Specification for Resurfacing Phase 54**. The 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 County may, in its sole and absolute discretion, require the Contractor to perform Extra Services. The Firm shall not perform, nor be compensated for, Extra Services without the prior written approval of the Commissioner or his or her duly designated deputy. The Contractor 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 Contractor.

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 hereby made a 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 shall not exceed Five Hundred Eighty Five Thousand Dollars (\$585,000.00) including contingency for additional expenses relating to reimbursable/out-of-pocket expenses, or unforeseen or unspecified work needed to meet the Scope of Work.

(b) Vouchers; Voucher Review, Approval and Audit. Payments shall be made to the Firm in arrears and shall be contingent upon (i) the Contractor 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 a progress report, in a form satisfactory to the County, indicating the percentage and description of work completed and other 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 Contractor 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 Contractor shall retain no copyright or intellectual property interest in the Copyrightable Materials, and they shall be used by the Contractor for no other purpose without the prior written permission of the County.

(iii) The Contractor 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 Contractor shall cooperate in this effort and agrees to provide any further documentation necessary to accomplish this.

(iv) The Contractor 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 Contractor 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 Contractor 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 Contractor shall indemnify and hold the County harmless against any claim for any infringement by the Contractor of any copyright, trade secrets, trademark or patent rights of design, systems, drawings, graphs, charts, specifications or printed matter furnished or used by the Contractor in the performance of this Agreement. The Contractor 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 Contractor 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 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 Contractor 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 Contractor 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 Appendice (Appendix) "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 Contractor agrees as follows:

- (i) Contractor shall comply with the applicable requirements of the Living Wage Law, as amended;
- (ii) Failure to comply with the Living Wage Law, as amended, constitutes a material breach of this Agreement, such breach being determined solely by the County. Contractor 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, Contractor 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 Contractor acknowledges that Contractor 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 Contractor of such request prior to disclosure of the Information so that the Contractor 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 Interest. 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 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 Contractor shall deliver services under this Agreement in a professional manner consistent with the best practices of the industry in which the Contractor operates. The Contractor shall take all actions necessary or appropriate to meet the obligation described in the immediately preceding sentence, including obtaining and maintaining, and causing all Contractor 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 Contractor 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 Contractor or a Contractor 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 Contractor shall not be responsible for that portion, if any, of a Loss that is caused by the negligence of the County.

(b) The Contractor shall, upon the County's demand and at the County's direction, promptly and diligently defend, at the Contractor'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 Contractor is responsible under this Section, and, further to the Contractor's indemnification obligations, the Contractor shall pay and satisfy any judgment, decree, loss or settlement in connection therewith as related to Contractor's indemnification obligation pursuant to this section.

(c) The Contractor shall, and shall cause Contractor 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 Contractor and/or a Contractor 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 Contractor 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 Contractor'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 Contractor 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 Contractor shall be solely responsible for the payment of all deductibles to which such policies are subject. The Contractor 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 Contractor 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 Contractor shall provide written notice to the Department of the same and deliver to the Department renewal or replacement certificates of insurance. The Contractor 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 Contractor to maintain Workers' Compensation Insurance shall render this contract void and of no effect. The failure of the Contractor 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 Contractor of written notice of termination, (iii) upon mutual written Agreement of the County and the Contractor, 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) Contractor 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 A122, "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 Agent to perform some or all of the work contemplated by this Agreement, and irrespective of whether the use of such Firm 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 and no cents (\$ 533.00) for the processing of this Agreement pursuant to Ordinance Number 74-1979, as amended by Ordinance Number 201-2001. 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.

{Remainder of page intentionally lefty blank}

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

Louis K. McLean Associates Engineers &
Surveyors, PC

By: 

Name:

Robert A. Steele

Title:

Executive VP

Date:

Nov. 4, 2019

NASSAU COUNTY

By:

Name:

Deputy County Executive

Title:

Date:

PLEASE EXECUTE IN BLUE INK

STATE OF NEW YORK)

)ss.:

COUNTY OF NASSAU) ~~So Fall~~

On the 4th day of November in the year 2019 before me personally came Robert Steele to me personally known, who, being by me duly sworn, did depose and say that he or she resides in the County [REDACTED]; that he or she is the Exec. Vice President of L.K. McLean Assoc., P.C., 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

Christine Wiegand

CHRISTINE WIEGAND
NOTARY PUBLIC, State of New York
No. 01WI8210359, Suffolk County
Commission Expires August 17, 2021

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

A.1 Division A Services

Condition Assessment and Evaluation

Evaluate the condition of the highway systems described in the Scope of Work for Phase 54 to identify necessary repairs and improvements to bring the highway system into a state of good repair and compliance within applicable codes and standards. At the minimum, it is anticipated that the scope of the project will involve the following:

Phase 54 Scope of Work

The scope of work involves the rehabilitation of existing roads to extend their service life and provide the appropriate pavement ride quality. Evaluation of the condition of all existing curbs, curb ramps and driveway aprons within the project limits, and within Nassau County's jurisdiction, and to propose repairs/replacements of deteriorated cross-section elements. Address all necessary drainage issues within the project corridor. Pavement marking design, as mandated by the MUTCD and the NYS Supplement, will also be required. All above work will be done per NYSDOT specifications and standards. The scope of work includes the following: repairs and/or replacement of deteriorated concrete panels and sealing of joints, asphalt resurfacing at specified locations within the project limits to extend the roadway service life. Traffic safety improvements will also be required at the intersection of Wantagh Avenue at Old Jerusalem Road and Gregg Court in Levittown.

Evaluation of all existing curbs, curb ramps and driveway aprons within the project limits, and within Nassau County's jurisdiction, and to propose repairs/replacements of deteriorated cross-section elements. Address all necessary drainage issues within the project corridor. Pavement marking design, as mandated by the MUTCD and the NYS Supplement, will also be required.

Phase 54

Road Name	Location	Bounds
Wantagh Avenue	Wantagh/Levittown	Hempstead Turnpike (SR 24) to Park Avenue

Preparation of Technical Design Report

Prepare a Technical Design Report for Phase 54 Wantagh Avenue Resurfacing and Traffic Safety Improvements. The Technical Design Report (TDR) is to include the following:

1. Evaluate the existing concrete and asphalt pavement, including the condition of the joints.

2. Description of existing conditions and deficiencies identified by the Firm.
3. Evaluate condition of trees and any interference that may impact resurfacing, curb and curb ramp repairs and report in a County format. Evaluation shall be certified by an arborist, horticulturist or landscape architect.
4. Perform accident analysis indicating polished conditions of roadway surface.
5. Inspect the drainage system, describe the system's condition and recommend any modifications considering intersection improvements.
6. Evaluate the condition of curbs and curb ramps (with regard to NYSDOT standards), paying careful attention for compliance with the American Disability Act (ADA) requirements. If traffic equipment is on or near ADA ramps coordination with Nassau County Traffic Department is required. Provide preliminary report (refer to section C-3 for detailed ADA Report).
7. Describe miscellaneous features, characteristics and condition.
8. Identify non-standard and non-conforming features.
9. Provide traffic sign inventory.
10. Prepare a utility investigation and locate all major utilities. Provide preliminary report.
11. Study the intersection of Wantagh Avenue at Old Jerusalem Road and Gregg Court in Levittown to develop alternatives to improve pedestrian and vehicular safety at the intersection. Collection of traffic data must be in compliance with the most recent version of New York State's Traffic Monitoring Standards for Contractual Agreements. All ATR data shall be submitted to the County in New York State Department of Transportation (NYSDOT) format for processing. Analysis must include the following:
 - 11.1. Perform turning movement counts (vehicles, buses, pedestrians and bicycles) for morning (7AM – 9 AM), midday (11AM – 1 PM) and evening (2PM – 6 PM). Weekend counts shall also be conducted on a Saturday (11AM – 2 PM). Turning movement count locations must be identified by the proposer and included in the proposal. Intersections to be counted, but not limited to Wantagh Avenue at Old Jerusalem Road and Gregg Court, Wantagh Avenue at Sand Hill Road, Wantagh Avenue at Southern State Parkway WB Entrance and Exit Ramps, Wantagh Avenue at Sarah Drive, Old Jerusalem Road at Wander Lane, Old Jerusalem Road at Water Lane, Old Jerusalem Road at Gardiners Avenue and Sand Hill Road and Sand Hill Road at Willowood Drive. Counts shall not occur during holidays or when schools are not in session.
 - 11.2. Nassau County will provide accident data within the project limits for a three-year period and the proposer will analyze the data by location, type, severity and other factors, as needed.
 - 11.3. Perform a School Specific Walkability Review for Jonas A. Salk Middle School and Macarthur High School; include routes to school map, crosswalk identification, crossing guard locations, pavement

markings and signage on County ROW, general description of operations at the schools, barriers and visibility obstructions and general recommendations.

- 11.4. Identify intersection improvement modifications that include, but not limited to converting the northbound protected/permissive left turn to a protected left turn and widening the eastbound approach/westbound departure. All intersection improvements must include, but not limited to the effect on the Southern State Parkway WB Exit Ramp, Sand Hill Road and the adjacent neighborhood, the adjacent schools and the emergency response of the Wantagh Fire Department; existing private property.
- 11.5. Conceptual design of proposed improvements, minimum of two alternatives; including Synchro network analysis of existing and proposed intersection improvements. Analysis must show effect proposed improvements have on the Southern State Parkway Exit Ramp, Sand Hill Road and the adjacent neighborhood.
- 11.6. Identify intersection improvements that include, but not limited to converting the northbound protected/permissive left turn to a protected left turn and widening the approaches. The analysis should include existing, 2020 No-Build and Build and +20 year No-Build and Build conditions.
12. Identify design standards, critical design elements and controlling parameters. Obtain concurrence from County on the aforementioned design criteria before evaluating repair/replacement options for the roadway.
13. Discussion of repair and improvement options based on Nassau County standards.
14. Explain what best practices and innovations are being recommended, if any.
15. Evaluate existing and any proposed signalized intersections for the inclusion of audible pedestrian signals.
16. Striping plan recommendations/modifications with input from Nassau County Traffic Engineering Unit.
17. Plan for maintenance and protection of traffic to implement the recommended option.
18. Identification and descriptions of studies, tests, technical surveys, etc. which will be required to determine the final design.
19. How the recommended projects will be coordinated with any other projects which may be planned within the project vicinity. Identify future plans for abutting roadway segments.
20. Discuss "Complete Streets" legislation.
21. Implementation of SWPPP.
22. Describe how the design approach to minimize traffic, environmental and commercial impacts during construction and night time work, if any.
23. Recommend preventative maintenance treatments.

24. Analyze the potential value of including a time-related contract provision, as described in NYSDOT "Guidelines for the Use of Time-Related Contract Provisions," NYSDOT EI 05-005.
25. Prepare a preliminary design indicating 30%, 75% and 100% deliverable dates and construction schedule.
26. Prepare a preliminary construction cost estimate and provide all back-up documentation.

Provide eight (8) copies of the draft TDR for review by NCDPW. Meet and confer with NCDPW and others as/if necessary, to discuss the parameters of the design and review comments on the draft TDR. Finalize the TDR incorporating any revisions and provide eight (8) paper copies and an electronic (*.PDF format) copy of the TDR.

A.2 Division B Services

ADA Report

The County will require a separate report with photo, GPS coordinates and description of every ramp of potential pedestrian crossing within the project limits. The description will indicate whether there is an ADA ramp at the studied location, if a ramp is there, the ramps percent of slope and drawing dimensions shall be included. The ramps that are not in compliance but can "easily" be brought into compliance will be addressed in this project indicating ramp type. Ramps that cannot be brought into compliance at this time shall be explained with justification. The format of the report will be provided by the County.

The chosen firm will be required to collect field data pertaining to ADA compliance using a County- supplied mobile application. The Consultants shall provide their own mobile device (must be equal to latest generation Apple or Android smartphone or tablet (preferred)) enabled with cellular data service (4G or higher). The number of mobile devices required will be determined by the firm based on the scale and scope of the data collection task and project timeline.

A.3 Division C Services

Surveying Services

AutoCAD plans are available with the County for review for Wantagh Avenue between Hempstead Turnpike (SR 24) and the Southern State Parkway North exit ramp. Firm will need to evaluate and update conditions of features noted in plans. The survey is based on LIDAR technology.

The Firm will be required to perform surveying services in order to extend available AutoCAD plans to the intersection of Wantagh Avenue and Park Avenue.

Upon Nassau County DPW approval, surveying procedures other than traditional methods will be accepted if the following basic requirements are satisfied.

A. Horizontal Control

Establish a precise base line with at least two ties into the Nassau County Geographic Information System (GIS), with a maximum error of closure of 1:50,000. The error of closure shall be distributed according to standard procedures and all angle points coordinated. Before the survey work is started, the Firm shall submit their procedure to the County for approval. The Firm shall use this base line as the reference line for locating all topography, and aboveground and underground facilities. The base line shall be monumented and referenced as necessary to later serve for laying out the construction. Traverse worksheets shall be submitted to the County for review, when completed. Where feasible, the theoretical grade line of the proposed improvement should be used for laying out the construction contract and for cross-sections. The theoretical grade line should be referenced to the aforementioned base line on the Coordinated Detail Map.

B. Vertical Control

Provide highest order vertical control system possible, with ties into the same two monuments of the Nassau County GIS as used for base line control, for topographic work and construction mapping. Benchmarks shall be established and documented within the project limits. They should be located in such a place so that they will not be destroyed by any anticipated construction work. Bench run worksheets shall be submitted to the County for review, when completed.

C. Base Map

The Base Map shall include all topographic data required for the preparation of detailed contract plans, including, but not limited to the following: horizontal control line and benchmarks; existing elevations obtained by cross sections at a maximum fifty foot stations with additional elevations on driveways, structures, steps, manhole covers, first floors, etc., and any abrupt changes in slope; underground utilities shall be plotted from survey of utility mark out; drain and sewer structures shall be opened to obtain inverts, pipe sizes and brickwork and plotted on profile portion of plan; house connections shall be plotted from information supplied by the respective sewer agency; buildings and other manmade structures shall be accurately plotted, described (number of stories, type of structure, etc.) and addressed on the plan. Topographical data shall be shown on the plans at a scale of one (1) inch equals twenty (20) feet or larger, as directed. For both the Base Map and Detail Map, existing line weight and numbers shall be fine and proposed details shall be bolder. Said data shall be furnished to the County in a digital format as prescribed in the latest version of the NCGIS Geographic Data Standards, or in a mutually agreeable format.

D. Detail Map (For Intersection Improvements)

Prepare a CAD generated coordinated Detail Map to three decimal places, showing all property line data relative to the survey base line, the proposed center line (or theoretical grade line), the existing and proposed right-of-way lines, and all parcels within the project limits. Said parcels shall be completely defined as per deeds, filed maps or other legal descriptions. This map shall be to a scale of one (1) inch equals twenty (20) feet, where possible, and shall include field measurements as well as computed values. Liber and Page of the document relating to the most recent ownership shall be shown on this map. Upon

acceptance of the Final Detailed Construction Drawings and Specifications, the Consultant shall submit a reproducible copy of the Detail Map which shall indicate field ties in detail for all critical base line stations, as well as coordinates for all property corners. These coordinates shall indicate existing field points, as well as final theoretical coordinates held. For both the Base Map and Detail Map, existing line weight and numbers shall be fine and proposed details shall be bolder. Said data shall be furnished to the County in a digital format as prescribed in the latest version of the NCGIS Geographic Data Standards, or in a mutually agreeable format.

E. Right-of-Way Maps (For Intersection Improvements)

1. Prepare a Right-of-Way Acquisition Map on 21 inch by 31-1/2 inch (border to border) standard size sheets showing the fee parcel (acquisition), highway easement, slope easement, drainage easement, sewer easement, working easement, release parcel, or excess parcel to be acquired at a scale of one inch equals twenty feet (1"=20') in accordance with the current standards of the Nassau County Department of Public Works. Changes to this scale require prior County approval.
2. Type a description of each parcel to be acquired using the heading shown on the Property Data Form (EXHIBIT "B") for each such parcel with information effective not more than thirty (30) days prior to the delivery of the said acquisition map to the Commissioner. Descriptions should be delivered to the County on a computer disc.
3. Supply on a computer disc, a list for each parcel in "Microsoft Excel" or approved equivalent format, all in accordance with County requirements. The information supplied for each parcel shall include the parcel number, name of owner, address of parcel, section, block, and lot of the parcel, and, if applicable, address of absentee owner.

A.4 Division D Services

Detailed Design Services & Construction Documents

Upon County written approval of the Technical Design Report (TDR), the Firm agrees to perform all the design services in connection with the preparation of detailed contract drawings, specifications, schedules and estimates, including all required permits, for Phase 54 Wantagh Avenue Resurfacing and Traffic Safety Improvements (the "Project") suitable for public bidding

A. Design Plans

The firm shall develop an alignment on the Base and Coordinated Detail Map to reflect the conceptual plan developed in the TDR that was approved by the Commissioner. Based upon the above criteria, the Firm shall:

1. Prepare preliminary graphic layout plans at a scale of 1"=20'. Changes to these scales require prior County approval.

Show on said plans the proposed alignment of the project area and adjacent site information including: roadway widths, typical sections, layout of drainage system, and limits of restoration, on the same drawing as the existing conditions. Existing line weight and numbers shall be fine and proposed details shall be bolder.

2. Prepare and submit a preliminary estimate of the construction cost of the project at current prices.
3. Submit the preliminary plans for approval by the Commissioner.
4. Based upon a visual inspection, supplemented by field investigation, considering all aspects of the proposed project the firm will provide a recommended engineering solution.

B. Soils Investigations and Reports

1. If necessary, and upon the written direction of the Commissioner and appropriation and encumbrance of funds for the purpose, the Firm shall prepare plans, specifications, and estimates of costs for soils investigations and take proposals from at least three boring contractors. Before awarding the boring contract, the Firm shall first obtain the approval of the successful bidder by the Commissioner.
2. Determine and stake out in the field the locations and depths at which the borings shall be made, observe the work of the boring contractor and the soils testing agency, analyze the information from these operations, and prepare a report thereon, complete with foundation recommendation.
3. This will be considered extra work, and contract Allowance will be utilized for reimbursement of this work.

C. Coordination with Public and Private Utilities & Municipalities

1. Contact all public utility agencies and private utility companies known to have installations in the construction area to determine the locations and sizes of all existing subsurface installations, and determine the scope of any future plans being considered in the area of the work. This data shall be further supplemented with data obtained by field reconnaissance.
2. Perform the necessary liaison work associated with relocation of utilities. However, the Firm shall not be required to design such relocation work, except where such installations are owned by municipalities or special districts. In the latter cases, the relocation shall be considered part of the design and the cost thereof shall be included in the Firm's estimate of construction cost. In either case, the Firm will be required to show on contract drawings existing, proposed, and/or relocated utilities.
3. Close coordination with Village, Town, etc. and other drainage projects in this area is anticipated.

D. Final Detailed Drawings and Specifications

Based upon written approval of the preliminary plans by the Commissioner, the Firm shall:

1. Prepare detailed contract plans at a scale of 1"=20' on 21" x 31-1/2" (border to border) standard size sheets and supporting data for each construction contract of the project in accordance with the current practice of the Nassau County Department of Public Works which originals shall be submitted by the Firm. Said data shall be furnished to the County in a digital format as prescribed in the latest version of the NCGIS Geographic Data Standards, or in a mutually agreeable format. Changes to this scale require prior County approval.
2. Prepare drawings, which shall include all plans, typical sections, structural details, MPT plans and detailed designs necessary to construct the project, and showing existing grades and proposed profile grades at least at every 50-foot station. If applicable, the soil boring log sheet information gathered under Task B- Soils Investigations and Reports shall be incorporated into the Design Plans.
3. Prepare detailed design drawings of each structure and its component parts and consisting of all plans, elevations, sections, and other drawings necessary for construction purposes.
4. Develop and tabulate an estimate of all items necessary to complete the work as shown on the construction plans with their corresponding estimated neat (before rounding) quantities.
5. Prepare a final estimate of construction costs based on current prices for neat quantities. **All back-up including material take-offs shall be submitted to County before bidding.**
6. Furnish all special specifications and addenda notes required to construct the project in addition to the standard specifications of the Nassau County Department of Public Works as contained in a book entitled "2009 Standard Specifications and Detail Sheets for Civil Engineering and Site Development" plus current amendments or new versions to same.
7. Develop and submit cross-sections for project work, prepared on a 10 x 10 grid cross-section paper, using a vertical scale of 1"=2' and a horizontal scale of 1"=5'. Areas of excavation and fill by classification shall be shown on these sheets. Such cross-sections, although required by the County, shall not be considered to be part of the contract plans. The cross-sections shall be delivered to the County, along with the contract plans, for the County's information and use.

The Firm shall adhere to the following requirements:

1. The contract drawings shall be prepared in an AutoCAD release acceptable to the County. The Contract drawings shall follow the standard sheets used by Nassau

County. The Firm shall furnish the contract drawings on CD-ROM and a flash drive.

2. Submittal of bid plans and master specification book in *.PDF format; as well as eight (8) hard copies of each full-size drawings and specification book.
3. Any bridges within the project limits shall not be paved. Design Drawings shall indicate paving limits as the edge of the bridge approach slab, the edge of the deck joint or as directed by the County.
4. Pavement marking design, as mandated by the MUTCD and the NYS Supplement, shall be done in coordination with the County's Traffic Engineering Unit.
5. During the preparation of these documents, the Firm shall perform the following services: Submit preliminary (30% design completion), draft bid (75% design completion) and pre-bid (100% design completion) full size plans and specifications for County review (eight (8) hard copy sets of each) and approval.
6. Attend design review meetings (maximum four [4] meetings) in order to review job progress and to resolve design and other questions. A representative of the Firm will prepare draft and final minutes of each meeting, and after County approval, distribute final minutes to all attendees.
7. Submit one (1) copy of a detailed construction cost estimate with all associated back-up documentation including quantity takeoff of materials, basis of pricing etc. The cost estimates will have a breakdown by Nassau County Specifications for each cost item in the estimate.
8. All documents regarding utility coordination and project related correspondence with Town, communities, etc. shall be provided in writing to Nassau County DPW, if so requested.
9. Prepare and submit the necessary environmental permits, if needed.
10. Prepare permit applications, correspondences, reports or submittals required by other agencies having jurisdiction. This work task will not be considered complete until it culminates in a permit or pre/post design approval by the appropriate agency or agencies. The Firm must be aware of the latest applicable codes and agency procedural requirements in order to expeditiously complete this design task. Correspondence shall be submitted directly to the agency for review/approval with at least two copies to the County, unless otherwise directed. Typical regulatory agencies involved in our Highway Engineering Projects may include, but will not be limited to, the following:
 - a. New York State Department of Transportation
 - b. Nassau County agencies
 - c. Other Local agencies (Towns, Villages...)
11. Submit written responses to all County review comments.
12. Make periodic site visits as necessary for a complete understanding of the system operation.
13. Submittal of bid plans and a master specification book. The Firm shall have the required number of sets of bid documents printed without the assistance of the County.
14. Review all comments and/or questions posed by prospective bidders.
15. Prepare all necessary addenda to the contract documents.

16. Review all bid proposals received and provide a written recommendation regarding award of the construction contracts.
17. If requested, the Firm will provide copies of any and all design calculations
18. If requested, the Firm will assist the County should any design questions arise during construction.

If the total amount of the lowest responsible construction bids should exceed the final approved construction cost, which is based on the Firm's final construction cost estimate, by more than fifteen (15) percent, the County may require the Firm to revise the plans, at no additional cost to the County, so as to stay within the final approved estimated cost of construction. The Firm is responsible for obtaining construction budget information from the County prior to commencing work on the design.

In preparing the contract specifications, the County shall furnish the Firm with a copy of the standard contract "Front End" consisting of the Notice to Bidders, Instructions to Bidders, Agreement and General Conditions. The Proposal Forms, Special Conditions (Division 1) and all other sections of the technical specifications shall be developed by the Firm. The specifications shall be written following Nassau County Standards.

The County may provide the Firm with access to documents and plans that may be helpful in this project depending on availability.

FEDERAL AND/OR NY STATE REQUIREMENTS

Legal Compliance

Proposals submitted and subsequent design and related services must comply with all applicable Federal, State and local laws, rules, regulations, codes, ordinances, and standards. These may include but are not limited to New York State General Municipal Law, the New York State Environmental Quality Review Act (SEQRA), New York State Pollution Discharge Elimination System (SPDES), Local and State codes and ordinances, and all other applicable Federal, State, and local regulations. The Firm shall coordinate its design and related services with authorities having jurisdiction. All submittals and required permits by such authorities having jurisdiction shall be the responsibility of the Firm.

EXHIBIT B
Payment Schedule

A1. Division A. Technical Design Report (TDR)

For conducting the work as described under Exhibit A, Technical Design Report (TDR), the Firm shall be paid on a lump sum basis. The County shall pay the Firm a total amount not to exceed **Ninety Nine Thousand Dollars (\$99,000.00)** for the Technical Design Report (TDR).

Payment at the time of submission of the Technical Design Report (TDR) will be compensated on the basis of Lump Sum with installments of up to 80% as determined by the percentage of work completed shown by submission of required progress reports as well as document submittals, and as approved by the Commissioner. After final acceptance by the Commissioner, 100% of the total anticipated fee will be made.

A2. Division B. ADA REPORT

For conducting the work as described under Exhibit A, ADA Report, the Firm shall be paid on a lump sum basis. The County shall pay the Firm a total amount not to exceed **Thirty Nine Thousand Dollars (\$39,000.00)** for the ADA Report.

Payment at the time of submission of the Draft ADA Report will be compensated on the basis of Lump Sum with installments of up to 80% as determined by the percentage of work completed shown by submission of required progress reports as well as document submittals, and as approved by the Commissioner. After final acceptance by the Commissioner, 100% of the total anticipated fee will be made.

A3. Division C. SURVEYING SERVICES

For conducting the work as described under Exhibit A, Surveying Services, the Firm shall be paid on a lump sum basis. The County shall pay the Firm a total amount not to exceed **Eighty Four Thousand Dollars (\$84,000.00)** for the Surveying Services.

Payment at the time of submission of the survey will be compensated on the basis of Lump Sum with installments of up to 80% as determined by the percentage of work completed shown by submission of required progress reports as well as document submittals, and as approved by the Commissioner. After final acceptance by the Commissioner, 100% of the total anticipated fee will be made.

A4. Division D. DETAILED DESIGN SERVICES & CONSTRUCTION DOCUMENTS

For conducting the work as described under Exhibit A, Detailed Design Services & Construction Documents, the Firm shall be paid on a lump sum basis. The County shall pay the Firm a total amount not to exceed **Two Hundred Fifty Nine Thousand Fifteen Dollars (\$259,000.00)** for Detailed Design Services & Construction Documents.

Payment installments will be made up to 80% as determined by the percentage of work completed, as shown by the submission of required progress reports as well as design

document submittals, and as approved by the Commissioner. When the design for a construction contract has been fully completed and all necessary work has been accepted by the Commissioner, the Firm shall be paid any additional sum necessary to bring the payments up to 80% of the lump sum fee. Upon construction completion, the Firm shall be paid an additional sum to bring the final payment up to 100% of the lump sum fee.

If an award of contract is not made within two (2) years after the plans and contract documents have been completed and accepted in writing by the Commissioner, the Firm shall be deemed to have earned full payment for the design services the Firm shall be paid an additional sum to bring the total payments to 100% of lump sum fee.

PROPERTY ACQUISITION

It is assumed that 6 properties in the project limits will need acquisition/easement mapping and descriptions. Property acquisition over and above 6 properties will be paid under extra services.

B. EXTRA SERVICES & OUT OF POCKET EXPENSES

The following items are included in the Firm's fee, as an allowance, provided (i) they have been approved in advance by the Commissioner of the Department in writing, in his/her sole discretion, (ii) are not considered services as set forth in this Agreement, and (iii) subject to compliance with the County's payment procedures. **Fifty Thousand Dollars (\$50,000.00)** has been allocated under this Agreement as an allowance.

Extra Services performed, upon the written direction of the Commissioner, shall be paid for at the rate of Two point forty eight (2.48) times the direct salaries or wages paid to personnel for the actual time engaged in this phase of work.

The Firm shall be reimbursed at actual cost for the following expenses incurred in the interest of the project when authorized in writing by the Commissioner:

1. Transportation and living expenses for approved and required travel beyond a 50-mile radius of the job site with prior written approval of the Commissioner, and at rates established by the County for its own employees.
2. Additional models, renderings, and/or photographs than those requested herein.
3. Direct reimbursement of the cost of third-party testing and controlled inspection services.
4. Direct reimbursement of sub-surface exploration and mark-out services.
5. Direct reimbursement of the cost of arborist or other specialty consultant services.
6. Direct reimbursement of other authorized reimbursable expenses.
7. Reproduction of design development and construction document drawings, specification, reports and other documents furnished to, or on behalf of, the County

in excess of fifteen (15) copies each. Any items prepared on behalf of the Firm or their sub-consultants shall not be paid for by the County.

C. SUBCONTRACTOR COSTS AND SUBCONSULTANT CHARGES

The Firm shall be further reimbursed for the actual out-of-pocket expenses for subconsultants and subcontractors when authorized in writing by the Commissioner.

D. PAYMENTS TO THE FIRM

a. With regard to any task for which payment is contemplated on the basis of a multiple of salary, it is understood and agreed that the County will utilize the Firm's approved Personnel List which is currently active and in use in connection with the Firm's services on other County Public Works projects. In the event there is no current Personnel List, or if an existing list is incomplete, then the Firm will submit either such Personnel List setting forth names, classifications, and hourly rates, or if necessary, submit a supplement to an active list, at the time the proposal is presented. In either case, the prior written approval of the Commissioner is required. It is the County's intention that the salary to be reimbursed to the Firm for a named employee shall be the same for said employee on all current County agreements with the Firm.

At no time shall the salary times multiplier exceed one hundred and seventy-five dollars (\$175.00) per hour for any employee or principal while engaged in a technical service.

b. The Firm may grant an employee a salary increase within a classification or by a change of classification. The intention to grant an employee a salary increase within a classification, or to change his or her classification, must be communicated in writing by the Firm to the Commissioner at least one month prior to the effective date of the increase or change of classification. The written approval of the Commissioner is required. If the Firm hires new employees to work on this project, such employees' names, their titles and proposed salaries, must receive prior written approval from the Commissioner.

c. Claims for services performed shall be accompanied by a certified statement setting forth the names of the persons performing the work, the title held by each person, their hourly rates, the number of hours worked, and the total compensation earned. All claims for compensation shall be made upon forms supplied by the County Comptroller and shall be approved for payment by the Commissioner or his designee. The payroll records of the Firm shall be available for inspection and audit as required.

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.

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:

Raymond DiBiase, PE (Name)

437 South Country Rd., Brookhaven, NY 11719 (Address)

631-286-8668 (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 _____ has X 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:

N/A

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. If such a proceeding, action, or investigation has been commenced, describe below:

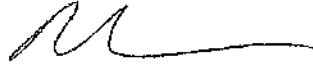
N/A

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.

11/4/19

Dated



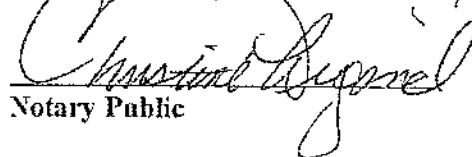
Signature of Chief Executive Officer

Raymond DiBase, PE

Name of Chief Executive Officer

Sworn to before me this

4th day of November, 2019.


Notary Public

CHRISTINE WIEGAND
NOTARY PUBLIC, State of New York
No. 01WI6210359, Suffolk County
Commission Expires August 17, 2021

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

TO: Office of the County Executive
Att: Brian J. Schneider, Deputy County Executive

FROM: Department of Public Works

DATE: November 25, 2019

SUBJECT: Design Services for Phase 54
Wantagh Avenue Resurfacing and Traffic Safety Improvements
RFP No. PW-H61587-54C
RECOMMENDATION OF AWARD

The Nassau County Department of Public Works (NCDPW) desires to procure Design Services for Wantagh Avenue Resurfacing and Traffic Safety Improvements, Phase 54. The scope of work includes the following: Repairs and/or replacement of deteriorated concrete panels and sealing of joints, asphalt resurfacing at specified locations within the project limits to extend the roadway service life. Evaluation of all existing curbs, curb ramps and driveway aprons within the project limits, and within Nassau County's jurisdiction to propose repairs/replacements of deteriorated cross-section elements. Address all necessary drainage issues within the project corridor. Pavement marking design, as mandated by the New York Manual of Uniform Traffic Control Devices (MUTCD) and the NYS Supplement, will also be required.

The "Request for Proposal" (RFP) was prepared in conformance with the Department's Policy for assessing understanding, technical approach, statement qualification, firm capability and past relevant experiences. The RFP was posted on the County's website utilizing E-Procure, New York State Contract Reporter, and in Newsday.

The County received seven (7) responses to the Request for Proposals (RFP), all the proposals were eligible for review.

The technical proposals were evaluated by professional staff within the Department: Rakhal Maitra, P.E., Deputy Commissioner; Richard Iadevaio, Jr., Superintendent of Highway & Construction; Harold T. Lutz, P.E., Director of Traffic Engineering and Garry Desyr, Civil Engineer II.

After tabulating the combined technical scores and establishing ranking order, as noted in the table below, it was determined that LKB Consulting Engineering (LKB) (88.25), L.K. McLean Associates, P.C. (LKMA) (82) and Hardesty & Hanover, LLC (H&H) (81), were respectively ranked the best three (3) technical proposals. The Committee after open discussion and deliberation, decided to open the cost proposals of the top three (3) rank firms.

The Committee after open discussion and deliberation determined that Hardesty & Hanover, LLC cost proposal for Division D Detail Design & Construction Documents was impractical. The TRC felt that the firm did not take into consideration the work associated with the anticipated acquisition of parcels required for widening and implementation of traffic safety improvements and opted not to request a BAFO from H & H. The TRC, after consultation, reached the conclusion that only the top two (2) ranked firms, LKB and LKMA, will need to submit a BAFO that includes all the associated costs for the assumptions made in the submitted proposal. Upon review of the submitted BAFO it was determined that LKMA's revised cost estimates was \$266,000.00 lower than LKB. Following the evaluation of the submitted revised cost estimates, the Committee concluded that L.K. McLean Associates, P.C. with an overall cost of \$531,000.00 represents the best value for the County.

For contracting purposes, a ten percent contingency will be added to LKMA's proposed amount, resulting in a contract award amount of \$585,000.00.



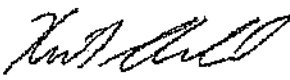
Office of the County Executive
Att: Brian J. Schneider, Deputy County Executive
November 25, 2019
Page 2.

SUBJECT: Design Services for Phase 54
Wantagh Avenue Resurfacing and Traffic Safety Improvements
RFP No. PW-H61587-54C
RECOMMENDATION OF AWARD

FIRM	AVERAGE	RANK	COST PROPOSAL	BAFO
LKB	88.25	1	\$822,000.00	\$797,000.00
LKMA	82.00	2	\$544,000.00	\$531,000.00
HARDESTY & HANOVER	81.00	3	\$398,000.00	
LIRO	75.75	4		
CAMERON	74.75	5		
EN-TECH ENGINEERING PC	74.25	6		
D&B ENGINEERS AND ARCHITECT	70.50	7		

It is the Department's recommendation that L.K. McLean Associates, P.C. be retained for this contract.
~~Funding for said services is available under Capital Project Number 61587.~~

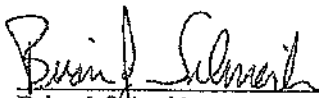
If you approve or disapprove of the above request, please signify below and return this memo to this office for appropriate action.


Kenneth G. Arnold
Commissioner

KGA:RM:jd

c: Rakhal Maitra, Deputy Commissioner
Richard Iadevaio, Jr., Superintendent of Highway and Drainage Construction
Harold T. Lutz, Director of Traffic Engineering
Andrea Pereira, Civil Engineer II
Garry Desyr, Civil Engineer II

APPROVED:

 11/9/19
Brian J. Schneider
Deputy County Executive

DISAPPROVED:

Brian J. Schneider
Deputy County Executive

Date

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

TO: James Caruso, Construction Inspector I

FROM: Office of the Commissioner

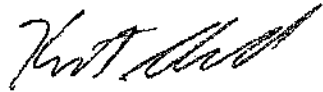
DATE: April 13, 2018 (Revised)

SUBJECT: CSEA Sub-Contracting Approval
C17-059 – 61001-0XC – Design - Resurfacing - Wantagh Avenue Phase 54

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 C17-059.

Please prepare the necessary documentation to proceed with your work.

If you have any questions, please speak with Jonathan Lesman.



Kenneth G. Arnold
Commissioner

KGa:las

c: Rakhal Maitra, Deputy Commissioner
Loretta Dionisio, Hydrogeologist II
Garry Desyr, Civil Engineer II
Jonathan Lesman, Management Analyst II



COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

C17-059

TO: Civil Service Employees Association, Nassau Local 830
Att: Ronald Gurrieri, Executive Vice President

FROM: Department of Public Works

DATE: May 3, 2017

SUBJECT: CSEA Notification of a Proposed DPW Contract
Proposed Contract No: H61001-0XC
Project No. 61587

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: Resurfacing Wantagh Avenue between Southern State Parkway and Hempstead Turnpike (SR24) in Wantagh and Levittown (approximately twelve [12] lane miles).

Design of this mission will include the following: Resurfacing the existing road in order to extend service life. This maintains capacity while not increasing paved surfaces. New pavement markings are installed after the road is resurfaced. Resurfacing provides the motorist with a smooth road surface, and a clearly defined traveled way, which decreases accidents and driver frustrations. The existing drainage system will be evaluated for capacity and structural integrity. If this investigation of drainage system identifies a problem or cause safety concerns, improvements and repairs will be designed to eliminate the problem. Also, evaluation of all existing curbs, sidewalks, curb ramps and driveway aprons.

Design of this is anticipated to involve a great volume of research, specialized staff knowledge and skills will be essential. The County has researched and performed various repairs. These in-house designs and construction activities have not completely eradicated the problems.

2. The work involves the following: Development of a complete package of bid documents including detailed design plans, an estimate and any non-standard specifications required.
3. An estimate of the cost is: \$300,000.00
4. An estimate of the duration is: Ninety (90) Days

Should you wish to propose an alternative to the proposed contract/agreement, please respond within ten (10) days to: Department of Public Works, Att: Kenneth G. Arnold, Assistant to Commissioner, telephone 1-9607, fax 1-9657.


Kenneth G. Arnold
Assistant to Commissioner

KGA:RM:WSN:ac

c: Christopher Fusco, Director, Office of Labor Relations
Brian Libert, Deputy Director, Office of Labor Relations
Robert Bedford, Office of the County Attorney
Rakhal Maitra, Deputy Commissioner
William S. Nimmo, Deputy Commissioner
Diane Pyne, Unit Head, Human Resources Unit
Donna Boyle, Civil Engineer III
Loretta Dionisio, Hydrogeologist II
Jonathan Lesman, Management Analyst II
James Caruso, Construction Inspector I



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.

Robert A. Steele, PE, Executive Vice-President

10/08/19

Name and Title of Authorized Representative

m/d/yy



Signature

10/08/19

Date

Louis K McLean Associates Engineers & Surveyors, PC

Name of Organization

437 South Country Road, Brookhaven, NY 11719

Address of Organization



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/8/2019

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 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 Genett Group LLC 3333 NEW HYDE PARK RD SUITE 409 NEW HYDE PARK NY 11042	CONTACT NAME: ALYSON GRAZIOSI PHONE (A/C, No, Ext): 516-899-8788 FAX (A/C, No): 516-470-0338 E-MAIL: AGRAZIOSI@CRPGRP.COM ADDRESS: AGRASIOSI@CRPGRP.COM
INSURED Louis K. McLean Associates Engineers & Surveyors PC 437 S. Country Road Brookhaven NY 11719	INSURER(S) AFFORDING COVERAGE INSURER A: Berkshire Hathaway Specialty Insurance INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER: 1289715161 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.

INSUR LTR	TYPE OF INSURANCE	ADDITIONAL SUBROGATION WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOG OTHER:					EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> H-RED AUTOS <input type="checkbox"/> NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NY) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				PER STATUTE <input type="checkbox"/> OTHER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	PROFESSIONAL LIABILITY		47EPF30517002	5/1/2019	5/1/2020	EACH CLAIM AGGREGATE \$5,000,000 \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER Nassau County DPW 1194 Prospect Avenue Westbury NY 11590	CANCELLATION 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
--	---



LOUIKMC-01

FTANZOLA

CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 1/10/2020

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 UNFCU Financial Services, LLC dba Industrial Coverage 62 South Ocean Avenue Patchogue, NY 11772	CONTACT NAME: PHONE (A/C, No, Ext): (631) 736-7500 FAX (A/C, No): (631) 736-7619 E-MAIL ADDRESS: <div style="display: flex; justify-content: space-between;"> <div> INSURER(S) AFFORDING COVERAGE INSURER A: Continental Casualty Company INSURER B: Continental Ins Co INSURER C: Hartford Life and Accident Ins Co INSURER D: INSURER E: INSURER F: </div> <div> NAIC # 20443 35289 70815 </div> </div>
INSURED Louis K. McLean Associates Engineers & Surveyors P.C. 437 South Country Road Brookhaven, NY 11719-9773	

COVERAGES**CERTIFICATE NUMBER:****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 SUBR INSP WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS			
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <div style="margin-left: 20px;"> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR </div> GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	1034621966	5/1/2019	5/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 100,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000			
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY </div>		1081599422	5/1/2019	5/1/2020	COMBINED SINGLE LIMIT (Per accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$			
B	<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"/> RETENTIONS 10,000		1034621997	5/1/2019	5/1/2020	EACH OCCURRENCE \$ 8,000,000 AGGREGATE \$ 8,000,000 \$			
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NY) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	202416544	5/1/2019	5/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000			
C	NY DBL / PFL		LNY315786	1/1/2020	1/1/2022	Statutory Limits			

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Description: Phase 54

Nassau County DPW is included as additional insured for General Liability if required by written contract in accordance with the terms and conditions of the policy.

CERTIFICATE HOLDER**CANCELLATION**

Nassau County DPW 1194 Prospect Avenue 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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B.A.F.O.**NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS****CONSULTANT/ CONTRACTOR DETAILED DBE/MBE/WBE UTILIZATION PLAN****Part 1- General Information:**

Consultant/Contractor Name:	Louis K McLean Associates Engineers & Surveyors, PC
Address (street/city/state/zip code):	437 South Country Road, Brookhaven, NY 11719
Authorized Representative (name/title):	Raymond DiBiase, PE, President/CEO
Authorized Signature:	
Contract Number:	PW H61587-54C
Contract/Project Name:	Phase 54 Wantagh Avenue Resurfacing
Contract/Project Description:	Design Services

Part 2- Projected DBE/MBE/WBE Contract Summary:

	Amount (\$)		* Percentage (%)
Total Dollar Value of the Prime Contract	531,000		
Total DBE Dollar Amount	0	D/WBE DBE Contract Percentage	
Total MBE Dollar Amount	0	MBE Contract Percentage	
Total WBE Dollar Amount	43,390	WBE Contract Percentage	9.0
Total Combined D/M/WBE Dollar Amount	43,390	Combined D/M/WBE Contract Percentage	9.0

*Percentage based on Contract without Allowance

Part 3- DBE Information (use additional blank sheets as necessary):

DBE Firm	Description of Work (DBE)	Projected DBE Contract Amount (\$) and Award Date	DBE Contract Scheduled Start Date and Completion Date
Name: n/a		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.			

Part 4- 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: n/a		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.			

B.A.F.O.

Part 5- 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: KAG Engineering, PLLC Address: 210 Suydam Lane City: Bayport State/Zip Code: NY / 11705 Authorized Representative: K Blanchard Telephone No. 347.497.7940	WZTC, Construction Staging, Traffic Sign Inventory, Traffic Capacity & Safety Analysis	Amount (\$): 30,110 Award Date: September 2019	Start Date: September 2019 Completion Date: September 2022
Name: Traffic Counts Collecting, Inc Address: 65-39 Maurice Avenue City: Woodside State/Zip Code: NY 11377 Authorized Representative: A Holuka Telephone No. 718.899.4522	Vehicular Traffic Counts	Amount (\$): 13,280 Award Date: September 2019	Start Date: September 2019 Completion Date: September 2022
Name: Address: City: State/Zip Code: Authorized Representative: Telephone No.		Amount (\$): Award Date:	Start Date: Completion Date:

COUNTY OF NASSAU
DEPARTMENT OF PUBLIC WORKS
Inter-Departmental Memo

Date: April 3, 2020

To: Contract Procurement File
H61001-10C4
Louis K. McLean Associate Engineers & Surveyors, P.C.

From: Jane M Houdek *JMH*
DCCO

Re: Pending litigation by Town of Huntington

Louis K. McLean Associate Engineers & Surveyors, P.C. (LKMA) in response to the Department's request, provided the attached letter regarding a lawsuit commenced by the Town of Huntington against LKMA alleging breach of contract in designing a dock complex for the Town. The letter was provided subsequent to a meeting with the Department. The letter explains LKMA's position regarding the allegations in the Town's complaint.

At the meeting with the Department, LKMA explained that, despite the lawsuit, the Town of Huntington continues to award contracts to LKMA. Additionally, LKMA has provided numerous positive reference letters from municipal clients for whom the firm has designed docks, marinas and/or bulkheads. The volume of positive references far outweighs one allegation of poor work. Finally, LKMA has consistently performed quality work for the County on numerous projects.





Town of
Brookhaven
Long Island

Edward P. Romaine, Supervisor

March 9, 2020

Jane M. Houdek, Attorney Public Works
Nassau County Department of Public Works
1194 Prospect Avenue
Westbury, New York 11590

Re: L.K. McLean Associates, PC Recommendation by Town of Brookhaven Parks Department

Dear Ms. Houdek,

The Town of Brookhaven has engaged L.K. McLean Associates, PC (LKMA) for many marine construction projects over the last 10+ years and to this day is working with them on a handful of projects on our numerous coastlines. They have provided quality professional engineering needed to upgrade, assess and maintain our facilities. L.K. McLean Associates has designed and managed the construction of projects such as: Port Jefferson Marina Annex, Sandspit Marina & Ferry Terminal, Davis Park Marina (Fire Island), the Pines Marina & Ferry Dock, Cherry Grove Pier, Pine Neck Boat Ramp, and Bellhaven Jetty Reconstruction (2020).

It is notable that subsequent to Superstorm Sandy, LKMA was called on to assess the damages to many of our marinas, conduct damage assessments/reports, prepare expedited plans to restore the marinas to safe operation and inspect the reconstruction / repair of the various facilities. LKMA's services during that challenging time were integral to us receiving FEMA reimbursement and re-opening of the facilities to the public.

We have been pleased with the work LKMA has provided to the Town.

Respectfully,

Edward P. Morris
Commissioner

EPM:lm

Department of Parks, Recreation & and Sports, and Cultural Resources
Edward P. Morris, Commissioner
286 Hawkins Road • Centereach • NY 11720 • Phone (631) 451-6100
Administration Fax (631)-451-6980 • Recreation Fax (631) 451-6125
www.brookhaven.org

Department of Municipal Works
116 HAMPTON ROAD
SOUTHAMPTON, NY 11968

Phone: (631) 702-1750
Fax: (631) 287-1530

TOWN OF SOUTHAMPTON



JAY SCHNEIDERMAN
TOWN SUPERVISOR

CHRISTINE FETTEN, P.E.
DIRECTOR OF MUNICIPAL WORKS
PETER GAUDIello
FACILITIES MAINTENANCE SUPERVISOR
THOMAS F. NEELY
TRAFFIC SAFETY DIRECTOR
EDWARD THOMPSON, JR.
WASTE MANAGEMENT SUPERVISOR

March 7, 2020

Jane M. Houdek, Attorney, Public Works
Nassau County Department of Public Works
1194 Prospect Avenue, Westbury NY 11590

Re: L.K. McLean Associates, P.C (LKMA)

Dear Ms. Houdek,

In my position, as Director of Municipal Works at the Town of Southampton, I have had many occasions to work with LKMA to bring projects from concept stage to completion of construction. I have always found LKMA to have a high level of professionalism and technical expertise in the marine infrastructure as well as highway improvement projects that I have had the opportunity to work with them on.

In 2018 the Town completed the renovation of the Old Ponquogue Fishing Piers that were substantially damaged by Hurricane Sandy. The project required multi-agency permitting, and coordination. The project was challenging due to the dynamic environment and proximately to the Shinnecock inlet and associated swift tidal change. Following completion of the fishing pier project, LKMA was contracted to develop plans and specifications to renovate the pedestrian approaches to the fishing piers. The improvements were completed by the fall of 2019 and the community was once again able to enjoy the vistas, scuba, and fishing opportunities provided by the Old Ponquogue Fishing Piers.

In 2019, the Town released a Request for Proposals for the rehabilitation to the Shinnecock Commercial Fishing Dock. This is the Town's only commercial fishing dock. Design elements includes, addressing a failing bulkhead, aging electrical infrastructure, dredging design and rehabilitation of the parking and storage areas. The location of this commercial fishing dock, is vulnerable to coastal storms, so resiliency is an important aspect of design. LKMA was awarded this design contract and has developed the project plans and regulatory permit applications.

I have also had the opportunity to work with LKMA on a number of other types of civil engineering projects including pedestrian safety projects and building renovation projects. My experience has been positive, and professional, with timely response and addressing of any issues and/or questions pertaining to the project. If you require additional discussion, please feel free to call me at 631-766-4939.

Sincerely,

Christine Fetten, P.E.
Town Engineer



TOWN OF ISLIP

DEPARTMENT OF PARKS, RECREATION & CULTURAL AFFAIRS

Angie M. Carpenter, Supervisor

Thomas Owens, Commissioner

March 9, 2020

Jane M. Houdek, Attorney Public Works
Nassau County Department of Public Works
1194 Prospect Avenue
Westbury, New York 11590

Re: L.K. McLean Associates, PC Recommendation

Dear Ms. Houdek,

The Town of Islip has used L.K. McLean Associates, PC (LKMA) for numerous marine construction projects over the last 15 years and continues to rely on them to provide professional engineering services to upgrade, assess and maintain our facilities. L.K. McLean Associates has designed projects such as: Bay Shore Marina Exterior Bulkhead and Boardwalk (2009); Maple Street Dock Marina (2008); East Islip Marina (2013); Atlantique Marina dock and electrical repairs (2013); Maple Avenue Dock Reconstruction (2014) and Bayport Beach Breakwater (2018).

It is notable that subsequent to Superstorm Sandy, LKMA was called on to assess the damages to many of our marinas, prepare expedited plans to restore the marinas to safe operation and inspect the reconstruction / repair of the various facilities. LKMA's services during that challenging time were critical to receiving FEMA reimbursement and re-opening of the facilities to the public.

We have been satisfied with the work LKMA has provided to the Town.

Very truly yours,

Harry Sundin,
Deputy Commissioner



INCORPORATED VILLAGE OF OCEAN BEACH

POST OFFICE BOX 457
OCEAN BEACH, NEW YORK 11770-0457
TEL: (631) 583-5940 FAX: (631) 583-7597
www.villageofoceanbeach.org

JAMES S. MALLOTT *Mayor*
MATTHEW M. BLAKE, *Deputy Mayor*
DAWN L. HARGRAVES, *Trustee*
CHRISTOPHER F. NORRIS, *Trustee*
BRIAN C. POWER, *Trustee*

STEVEN W. BRAUTIGAM, *Clerk/Treasurer*
KEVIN J. SCHELLING, *Superintendent of Public Works*

March 9, 2020

Jane M. Houdek, Attorney Public Works
Nassau County Department of Public Works
1194 Prospect Avenue
Westbury, New York 11590

Re: Letter of Recommendation LKMA

Dear Ms. Houdek,

L.K. McLean Associates, PC has provided architectural, engineering design, construction administration and inspection services on several recent projects for the Village of Ocean Beach. Some of these projects include:

- **Reconstruction of the Ocean Beach Ferry Terminal (Phase 1)** - This project was federally funded under the ferry boat discretionary program and it involved the reconstruction of a majority of the ferry basin's bulkheads, passenger boardwalks and freight dock. This project was successfully completed in the spring of 2017 and LKMA's efforts on this project allowed the Village to be reimbursed for the full amount the grant. This was a \$2.3 million construction project. LKMA provided design and CI/CA in accordance with NYSDOT requirements.
- **Reconstruction of the Ferry Terminal Building** - LKMA provided architectural and engineering design services for a new 7,500 sf ferry terminal building. This project was successfully completed in 2018 and was a \$5 million construction project. In addition to design services, LKMA provided construction inspection and administration services and assisted the Village in the efforts to get the project reimbursed by FEMA.
- **North Side Bulkheads** - LKMA provided engineering design, permitting and inspection services for the replacement of 400 feet of deteriorated bulkhead. The projects were completed in 2017 at a cost of approximately \$600,000.

We have been satisfied with the professional services LKMA has provided and find them to be a qualified, responsive and conscientious firm that we continue to work with to help maintain the essential marine facilities in our Village.

Very truly yours,

Steven W. Brautigam,
Village of Ocean Beach Clerk/Treasurer



Michael D. Sarlo, Chief
Accredited Police Agency

**TOWN OF EAST HAMPTON
POLICE DEPARTMENT
Marine Division**
131 Wainscott Northwest Road
P.O. Box 909
Wainscott, NY 11975-0909



Edward Michels
Chief
Harbormaster
631-537-6863
Fax-631-537-6833

March 13, 2020

Jane M. Houdek, Attorney, Public Works
Nassau County Department of Public Works
1194 Prospect Avenue, Westbury NY 11590

Re: L.K. McLean Associates, P.C. (LKMA)

Dear Ms. Houdek,

As the Harbormaster for the Town of East Hampton, I have worked with LKMA for several years on various types of successful projects. I have found that LKMA brings a broad range of professional engineering knowledge and municipal support to each project. My experience is that they are very responsive and possess a high level of technical expertise in the marine infrastructure as well as other architectural and engineering improvement projects.

We are currently contracted with LKMA on a bulkhead replacement project at the Head of the Harbor in Three Mile Harbor. LKMA designed, permitted, issued bid documents and is providing construction support for the replacement of 675 feet of bulkhead. The project also entails utility upgrades, mooring pile replacement and boardwalk replacement. The project required multi-agency permitting, and coordination.

I have also had the opportunity to work with LKMA on a number of other types of architectural and site improvement projects at the East Hampton Police Headquarters and building renovation projects. I plan to continue using LKMA on our upcoming marine infrastructure improvements, which include but is not limited to the design of a small boat ramp and dock improvements at the Montauk commercial fishing docks.

My experience with LKMA has been positive and professional and we will continue to work with their firm.

Respectfully,

Ed Michels
Chief Harbormaster
Town of East Hampton



TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

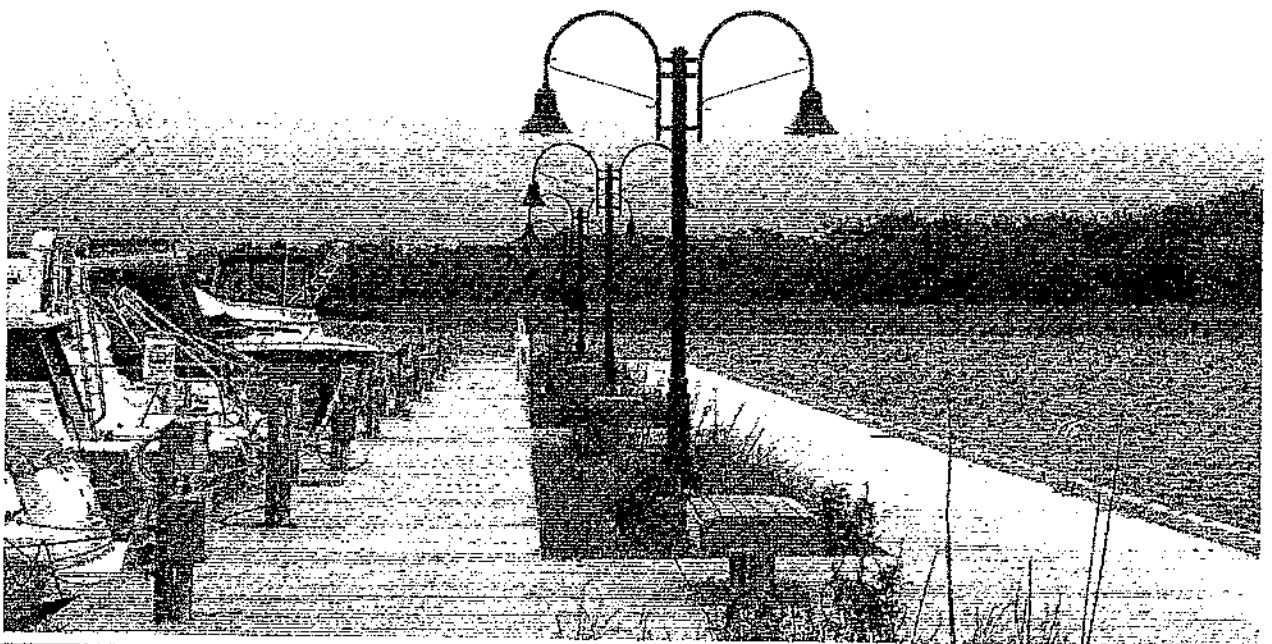
PROJECT NAME: EAST ISLIP MARINA

CLIENT REFERENCE: THOMAS OWENS, COMMISSIONER
TOWN OF ISLIP DEPARTMENT OF PARKS, RECREATION & CULTURAL AFFAIRS
631-224-5414



Provided survey & engineering services relative to the replacement of 1,300 linear feet of timber bulkhead with vinyl bulkhead. In addition to a new bulkhead, the project included the replacement of the existing boardwalks with IPE (ironwood) decking, new electrical power posts, new water service, new park benches and decorative pedestrian lighting. The project also included dredging the interior of the marina where necessary. Permits obtained by LKMA included NYS DEC, US Army Corps, and NYS Department of State. Soil investigations, site survey, and bulkhead structural analyses were all performed by LKMA staff.

- MARINA RECONSTRUCTION
- VINYL BULKHEAD & IPE DECKING
- ELECTRIC AND WATER UTILITY UPGRADES
- MAINTENANCE DREDGING
- 2013 COMPLETION
- \$2 MILLION CONSTRUCTION COST



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

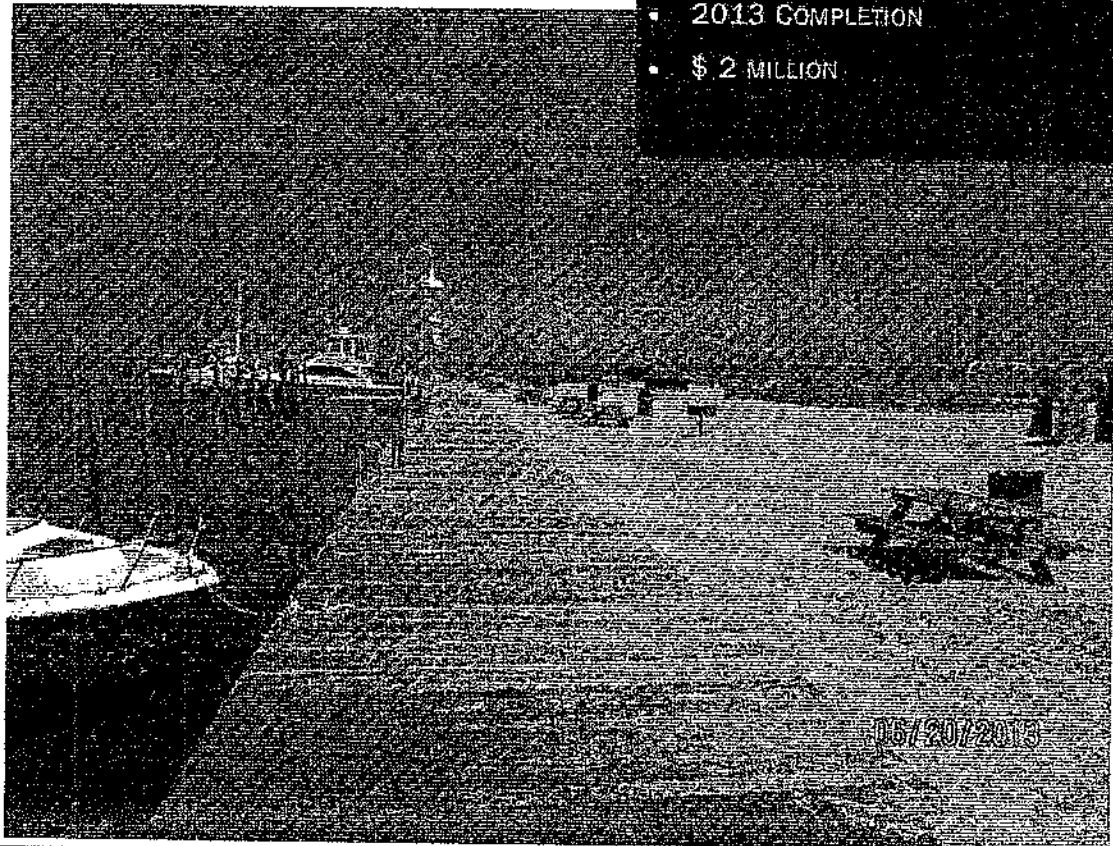
**PROJECT NAME: ATLANTIQUE BEACH & MARINA
FIRE ISLAND, TOWN OF ISLIP**



CLIENT REFERENCE: HARRY SUNDEN, DEPUTY COMMISSIONER
TOWN OF ISLIP DEPARTMENT OF PARKS, RECREATION & CULTURAL AFFAIRS
631-224-5430

In response to the destruction caused by Hurricane Sandy, LKMA provided a damage assessment report, final contract bid documents and construction inspection for the extensive repairs that were necessary to re-open the Town of Islip facility to the public before Memorial Day 2013. Repairs included 550 feet of bulkhead replacement, complete replacement of the dock's electrical system, boardwalk reconstruction and repairs to existing comfort stations.

- BULKHEAD REPLACEMENT
- ELECTRIC UPGRADES
- BOARDWALK RECONSTRUCTION
- 2013 COMPLETION
- \$ 2 MILLION



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

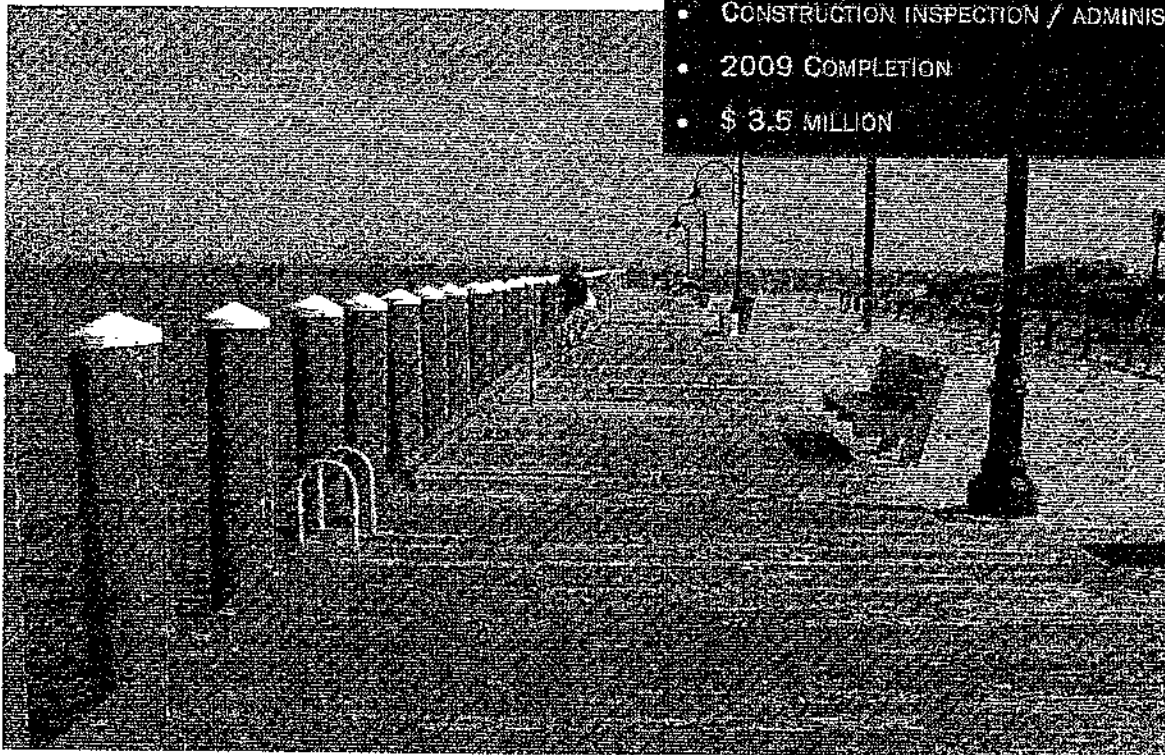
**PROJECT NAME: BAY SHORE MARINA BULKHEAD REPLACEMENT
GREAT SOUTH BAY, TOWN OF ISLIP**

CLIENT REFERENCE: HARRY SUNDEN, DEPUTY COMMISSIONER
TOWN OF ISLIP DEPARTMENT OF PARKS, RECREATION & CULTURAL AFFAIRS
631-224-5430



Provided survey & engineering services relative to the replacement of 2,150 linear feet of timber bulkhead with steel sheet bulkhead. Project was completed in two separate construction contracts. In addition to a new bulkhead, the project included new boardwalks with IPE (Ironwood) decking, new park benches and decorative pedestrian lighting. Permits obtained by LKMA included NYSDEC, US Army Corps, and NYS Department of State. Soil investigations, site survey, and bulkhead structural analyses were all performed by LKMA staff. Economic analyses of various types of bulkhead designs were provided to the Town for their review.

- BULKHEAD DESIGN
- BOARDWALK REPLACEMENT
- PERMITTING
- CONSTRUCTION INSPECTION / ADMINISTRATION
- 2009 COMPLETION
- \$ 3.5 MILLION



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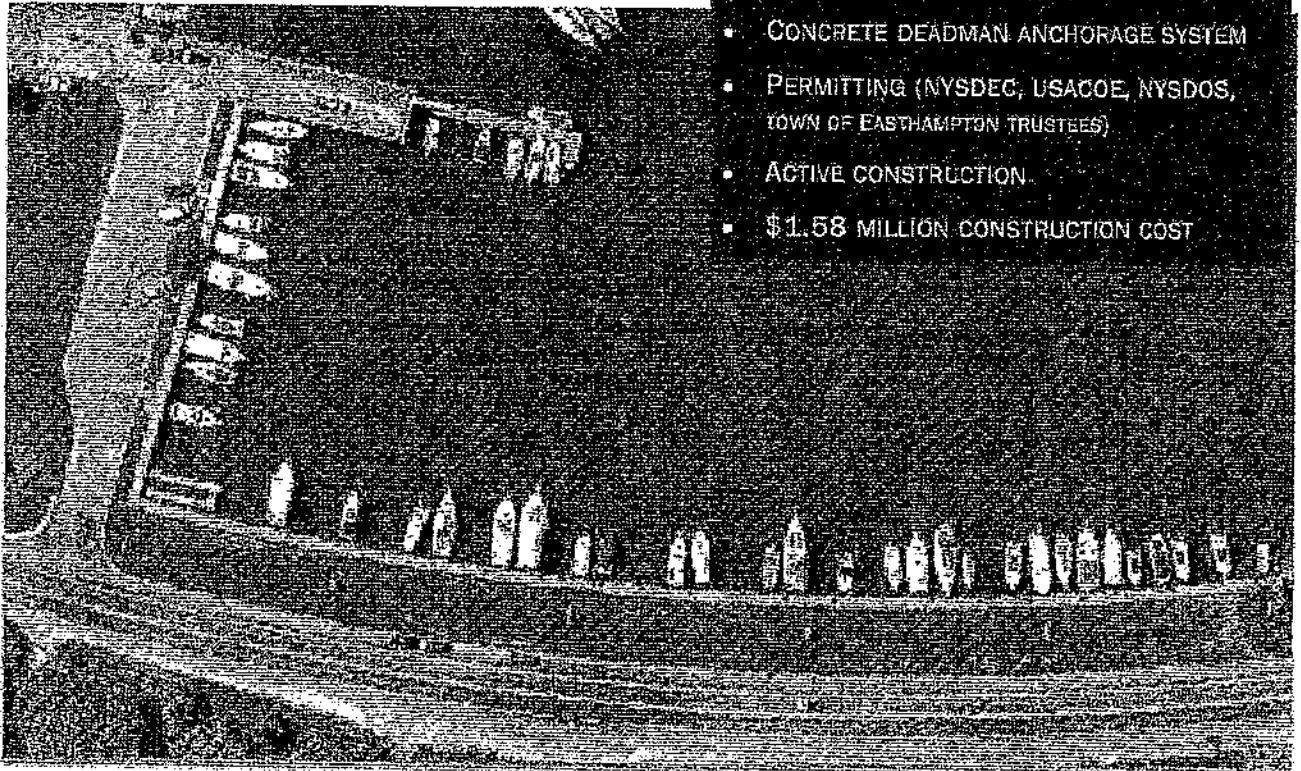
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: THREE MILE HARBOR MARINA IMPROVEMENTS

CLIENT REFERENCE: ED MICHELS
TOWN OF EAST HAMPTON
631-537-6863



Provided survey, engineering and permitting services relative to the replacement of 675 linear feet of timber bulkhead with a new composite bulkhead and a pile supported boardwalk with 4,700 square feet of composite decking. Permits obtained by LKMA include NYSDEC, US Army Corps, NYS Department of State and Town of Easthampton Trustees. Topographic survey, permitting, bulkhead structural analysis and site design were all performed by LKMA staff. Project included bulkhead replacement, and utility restoration to marina.



- COMPOSITE BULKHEAD & COMPOSITE DECKING
- ELECTRIC AND WATER UTILITY UPGRADES
- CONCRETE DEADMAN ANCHORAGE SYSTEM
- PERMITTING (NYSDEC, USACE, NYSDOS, TOWN OF EASTHAMPTON TRUSTEES)
- ACTIVE CONSTRUCTION
- \$1.58 MILLION CONSTRUCTION COST

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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

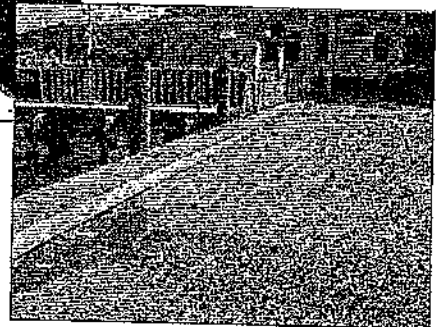
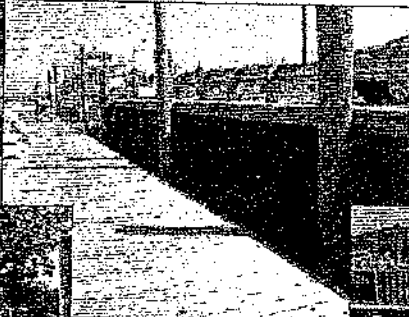
PROJECT NAME: PORT JEFFERSON MARINA BULKHEAD REPLACEMENT MARY BAYLES PARK & WEST ANNEX

CLIENT REFERENCE: EDWARD MORRIS, COMMISSIONER
TOWN OF BROOKHAVEN DEPARTMENT OF PARKS
631-451-6140



The Town of Brookhaven hired LKMA to prepare permit drawings for the replacement of two sections (totaling 350 linear feet) of old steel bulkhead situated within the Port Jefferson Marina. The project required separate NYSDEC Tidal Wetland approvals and was bid separately. The Contractor (for both projects) removed the existing steel bulkhead system and installed a fiberglass sheet pile (Mary Bayles Park @ Danfords) and marine grade steel sheet pile (West Annex). Any and all electrical distribution lines were temporarily removed and replaced once the bulkhead installations were complete. During the five month construction schedule, the project required coordination with the existing ferry company, party-boat vendor (Martha Jefferson), Danfords Restaurant and the general public using the parking lot facility. All construction was completed without incident, on-time and within the project's budget (\$525,000). LKMA prepared the permit package, bid specifications and construction drawings for each of the two marine construction projects and provided construction management and support services during the construction of the project.

- BULKHEAD REPLACEMENT
- TIDAL WETLANDS
- ELECTRICAL WORK
- PERMITTING / BID SPECS
- CONSTRUCTION MANAGEMENT
- 2007 COMPLETION
- \$525,000



The photographs above depict the new bulkhead systems installed at the two locations along the Port Jefferson Marina Facility.

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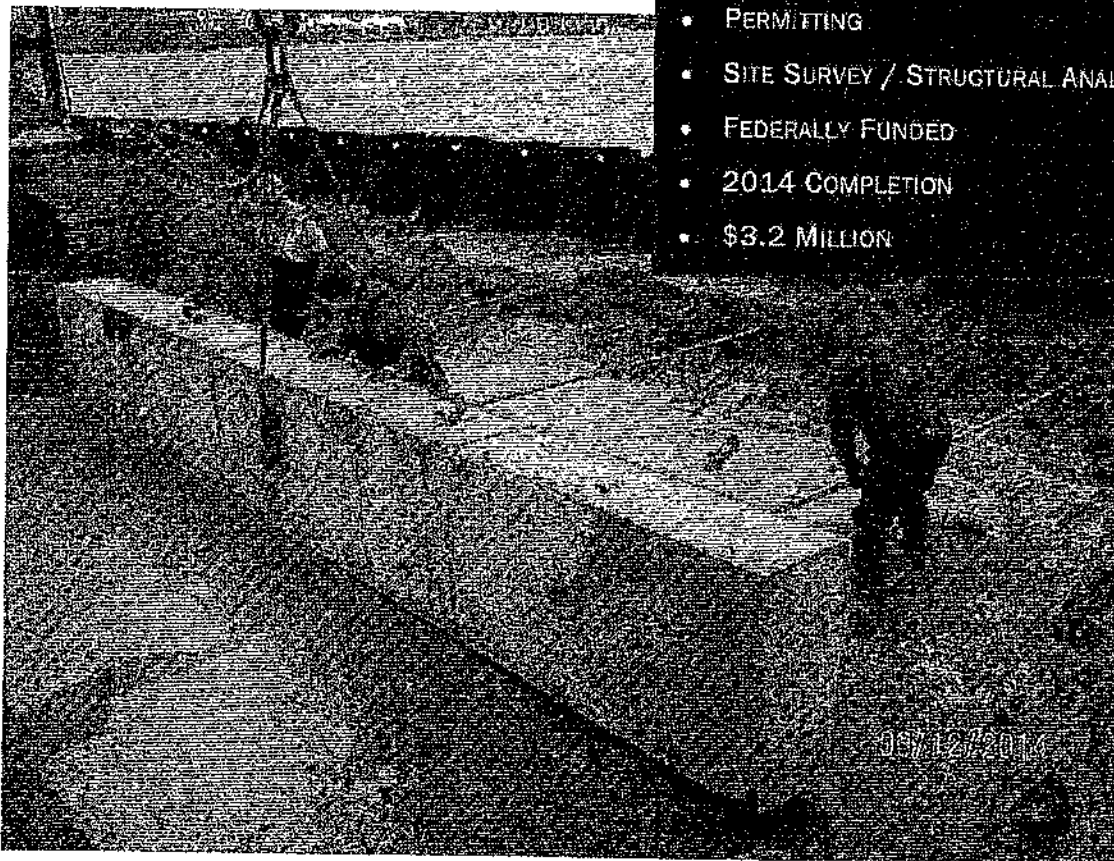
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

**PROJECT NAME: MAPLE AVENUE DOCK BULKHEAD REPLACEMENT
BAY SHORE, TOWN OF ISLIP**

CLIENT REFERENCE: HARRY SUNDEN, DEPUTY COMMISSIONER
TOWN OF ISLIP DEPARTMENT OF PARKS, RECREATION & CULTURAL AFFAIRS
631-224-5430



Provided survey & engineering services relative to the replacement of 1,640 linear feet of timber bulkhead with the proposed epoxy coated steel bulkhead. Alternative designs were developed and presented to the Town of Islip including both vinyl and steel sheet bulkhead. Permits obtained by LKMA include NYSDEC, US Army Corps, and NYS Department of State. Site survey and bulkhead structural analyses were all performed by LKMA staff. Project was federally funded under the FHWA Ferry Boat Discretionary Grant Program and was administered by the NYSDOT. LKMA prepared the NYSDOT approved Design Approval Document (DAD), contract documents using State approved specifications and construction inspection and administration services in conformance with NYSDOT specifications and procedures.



- TIMBER BULKHEAD REPLACEMENT
- PERMITTING
- SITE SURVEY / STRUCTURAL ANALYSIS
- FEDERALLY FUNDED
- 2014 COMPLETION
- \$3.2 MILLION

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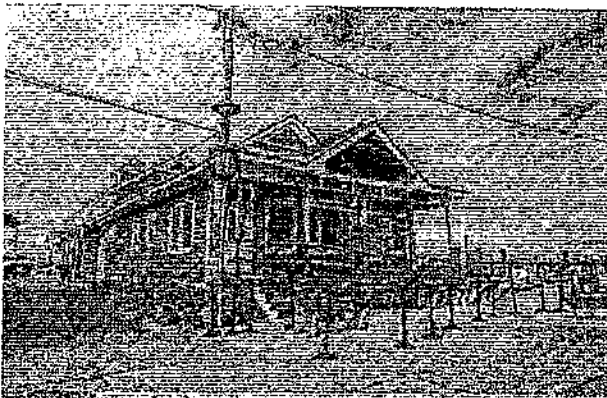
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: OCEAN BEACH FERRY TERMINAL RECONSTRUCTION

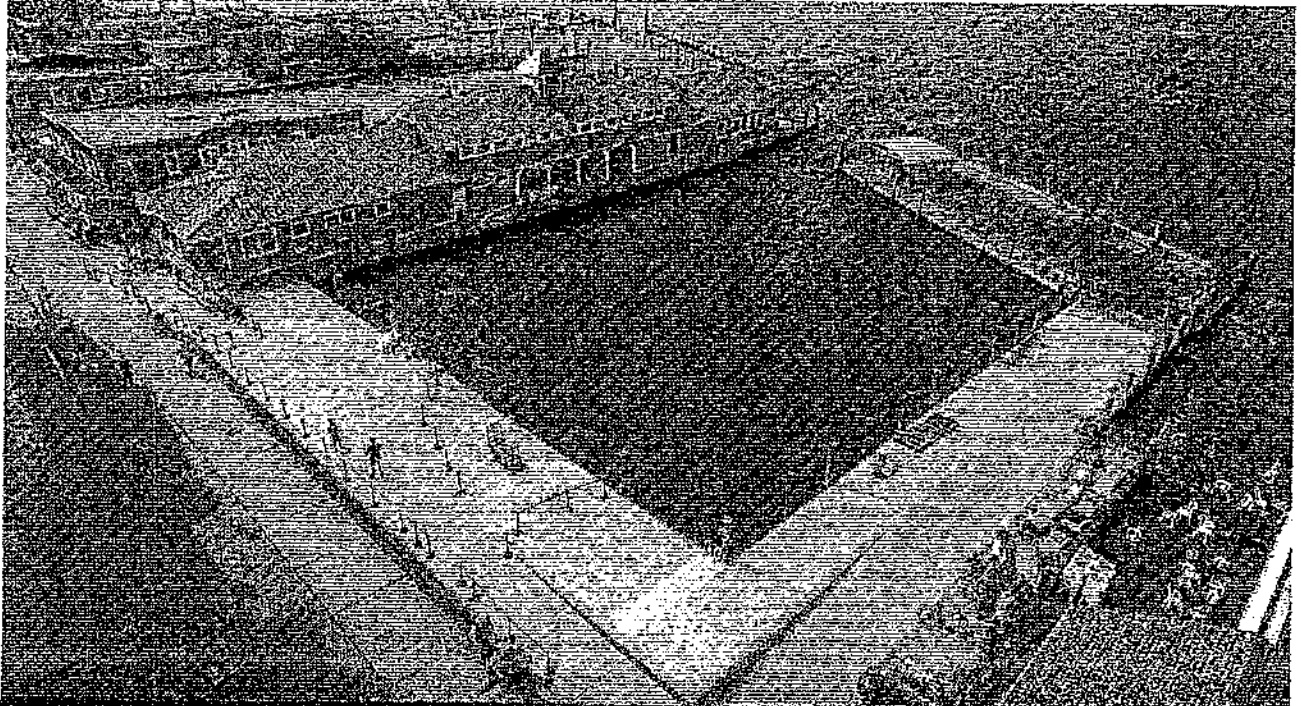
CLIENT REFERENCE: STEVEN BRAUTIGAM, CLERK/TREASURER
VILLAGE OF OCEAN BEACH
631-583-7597



Subsequent to the destruction caused by Superstorm Sandy, LKMA provided the site survey, marine engineering, site and civil engineering, architectural design and construction support services for a two phase ferry terminal construction project. The first phase of the project included reconstruction of the entire ferry basin including bulkhead replacement and new precast concrete freight docks. The second phase included a new ferry terminal building designed to meet FEMA requirements. The Ferry Terminal acts as the gateway for over 500,000 visitors coming to the Village each year.



- NEW FERRY TERMINAL BUILDING
- FREIGHT & PASSENGER FERRY DOCKS
- STEEL BULKHEAD DESIGN
- PRECAST CONCRETE FREIGHT DOCK
- 2018 COMPLETION
- \$7.3 MILLION CONSTRUCTION COST



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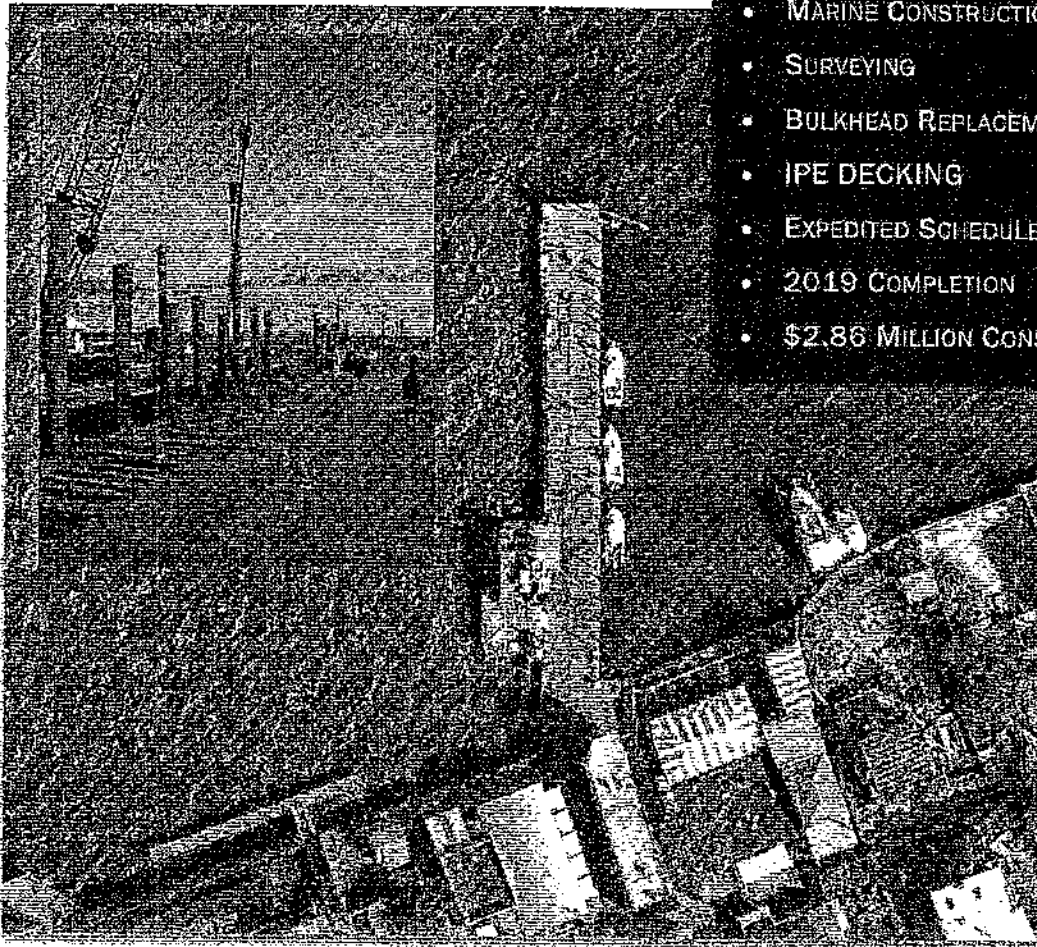
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: RECONSTRUCTION OF THE CHERRY GROVE FILLED PIER AND FERRY DOCK

CLIENT REFERENCE: EDWARD MORRIS, COMMISSIONER
TOWN OF BROOKHAVEN DEPARTMENT OF PARKS & RECREATION
631-451-6140



Provided survey, engineering and permitting services relative to the installation of approximately 592 linear feet of steel sheeting directly in front of the existing steel sheeting forming the perimeter of the solid fill pier and the installation of 70 linear feet of cantilevered steel sheeting at the south end of the pier. The new fill pier was surfaced with approximately 6,200 square feet of IPE decking. The proposed design involved modifying the existing layout of the Filled Pier and Ferry Dock to improve the overall functionality of the dock and improve public safety. The modifications to the existing layout include demolition of the existing freight dock and constructing a new freight dock approximately 78' south of its existing location. Additionally, a new 700 square foot pile supported boardwalk was constructed along the east side of the pier to provide additional storage for freight.



- MARINE CONSTRUCTION
- SURVEYING
- BULKHEAD REPLACEMENT
- IPE DECKING
- EXPEDITED SCHEDULE
- 2019 COMPLETION
- \$2.86 MILLION CONSTRUCTION COST

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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

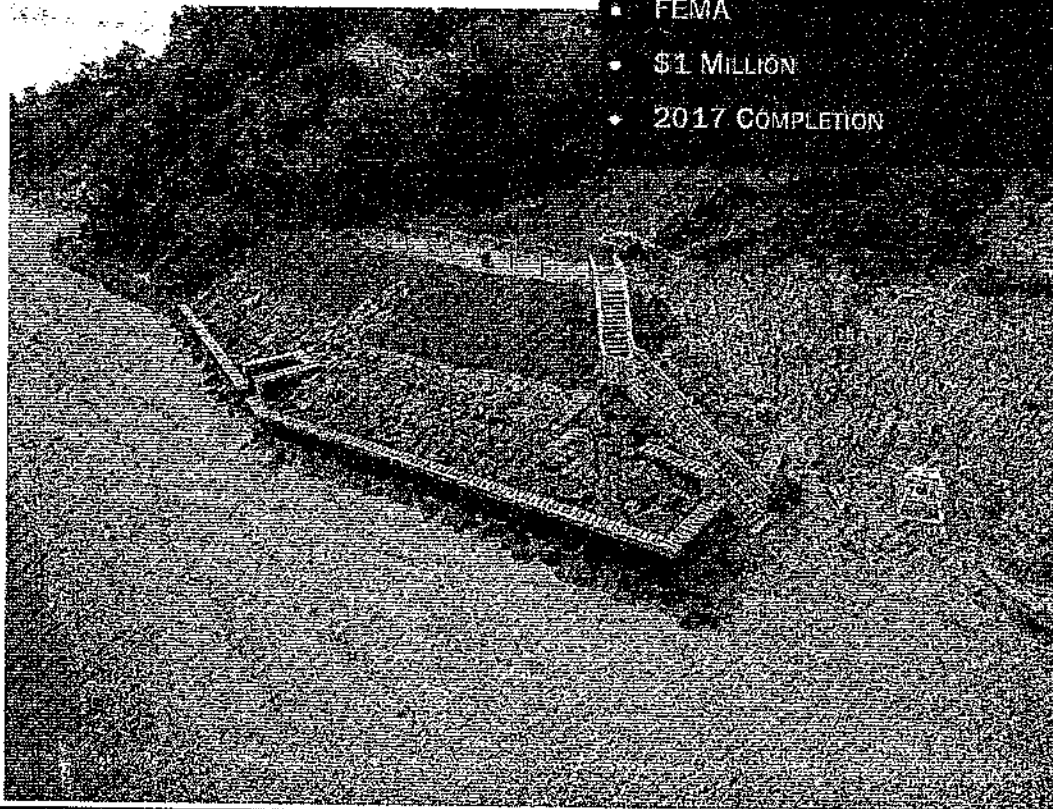
PROJECT NAME: FRIENDSHIP DRIVE SHORELINE STABILIZATION

CLIENT REFERENCE: STEVE TRICARICO
DEPUTY SUPERINTENDENT OF HIGHWAYS
TOWN OF BROOKHAVEN
631-451-9242



Immediately after Super Storm Sandy, LKMA prepared damage assessment reports for the Town of Brookhaven's Highway Department at the Friendship Drive Road ending in Rocky Point. The work included working closely with the Town's Department of Public Safety and consultants (AIDRC) working for the Federal government (FEMA). Our office supported the scope of work that was prepared to obtain funding for the shoreline stabilization project. LKMA prepared all design documents and secured all environmental permits needed to construct the shoreline stabilization project. The project included the installation of a cantilevered steel bulkhead, armor stone revetment, upland plantings; and new stormwater quality treatment system.

- SHORELINE STABILIZATION
- STORMWATER QUALITY TREATMENT SYSTEM
- ENVIRONMENTAL PERMITTING
- BULKHEADING
- FEMA
- \$1 MILLION
- 2017 COMPLETION



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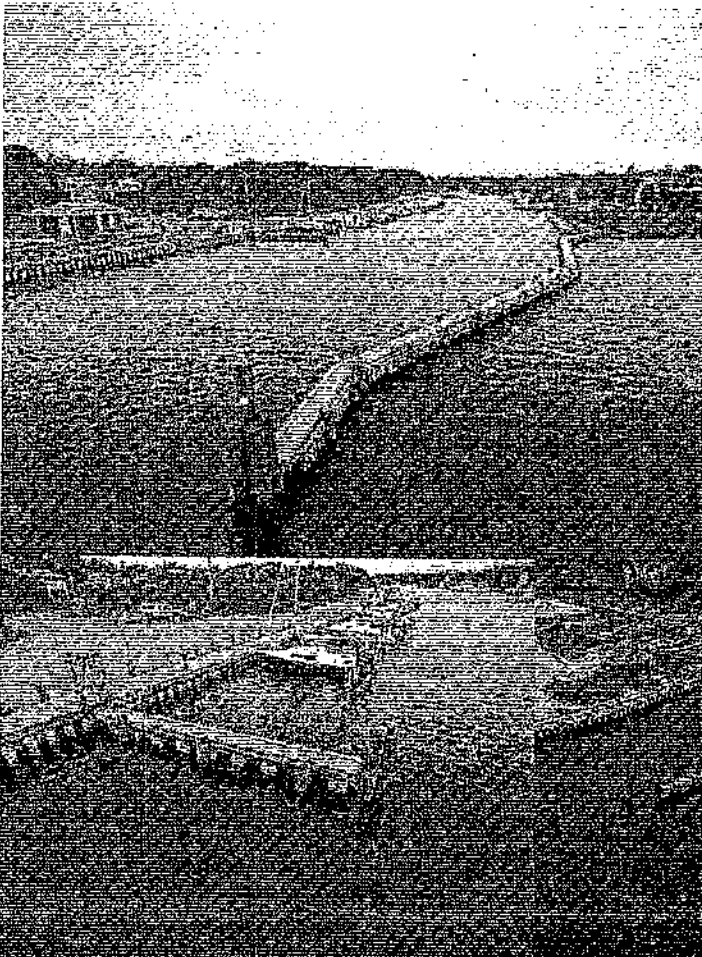
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: BAYPORT BEACH BREAKWATER AND DREDGING

CLIENT REFERENCE: THOMAS OWENS, COMMISSIONER
TOWN OF ISLIP DEPARTMENT OF PARKS, RECREATION & CULTURAL AFFAIRS
631-224-5414



Provided bathymetric survey and engineering design and construction services for a new 330' long breakwater consisting of timber piles wales and vinyl sheeting. The new breakwater replaced a failed fill pier and restored protection of the upland marina from Great South Bay waves. An important component of the project included dredging the channel to a minimum depth of 6 feet at low tide. Permits obtained by LKMA included NYSDEC, US Army Corps, and NYS Department of State. In order to obtain permits for the dredging aspect of the project, LKMA developed dredging plans and a Sediment Sampling and Analysis Plan that was reviewed and approved by the NYSDEC Materials Division. Soil investigations, site survey, permitting and breakwater structural analyses were all performed by LKMA staff. Project construction cost was \$515,000 million.



- MARINE CONSTRUCTION
- BREAKWATER / WAVE SCREEN DESIGN
- DREDGING
- 2018 COMPLETION
- \$515,000 CONSTRUCTION COST

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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

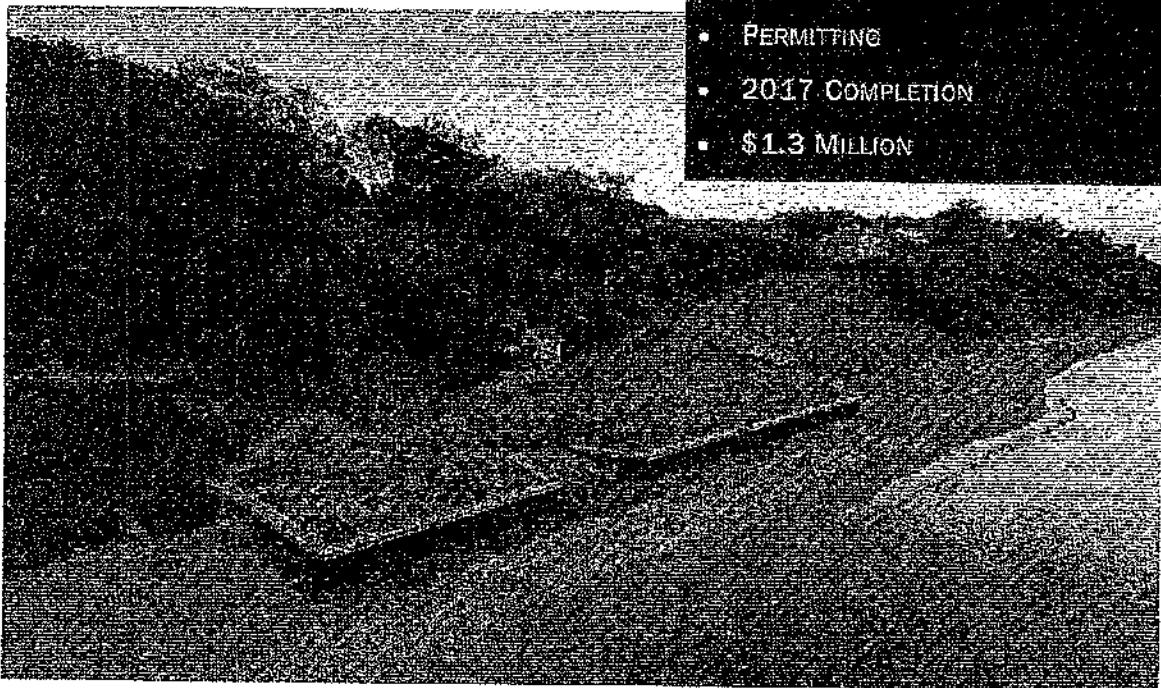
PROJECT NAME: GULLY LANDING SHORELINE STABILIZATION

CLIENT REFERENCE: STEVE TRICARICO, DEPUTY SUPERINTENDENT
TOWN OF BROOKHAVEN DEPARTMENT OF HIGHWAY
631-451-9242



Immediately after Super Storm Sandy, LKMA prepared damage assessment reports for the Town of Brookhaven's Highway Department at the Gully Landing Road ending in Miller Place. The work included working closely with the Town's Department of Public Safety and consultants (AIDRC) working for the Federal government (FEMA). Our office supported the scope of work that was prepared to obtain funding for the shoreline stabilization project. LKMA prepared all design documents and secured all environmental permits needed to construct the shoreline stabilization project. The project included the installation of a cantilevered steel bulkhead, armor stone revetment, upland plantings; and new stormwater quality treatment system.

- SHORELINE STABILIZATION
- FEMA
- CANTILEVERED BULKHEAD
- STORMWATER QUALITY TREATMENT SYSTEM
- PERMITTING
- 2017 COMPLETION
- \$1.3 MILLION



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: MAPLE STREET DOCK BULKHEAD & UTILITY IMPROVEMENTS, BAY SHORE, TOWN OF ISLIP

CLIENT REFERENCE:

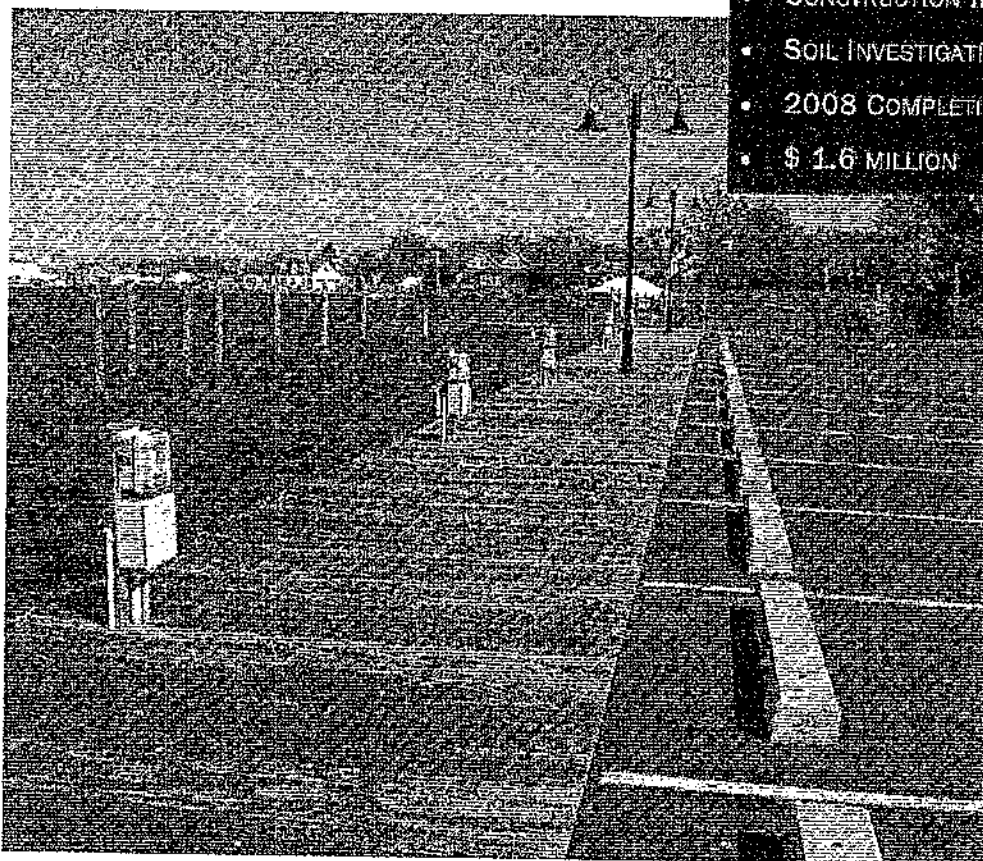
HARRY SUNDEN, DEPUTY COMMISSIONER

TOWN OF ISLIP DEPARTMENT OF PARKS, RECREATION AND CULTURAL AFFAIRS
631-224-5430



Provided survey & engineering services relative to the rehabilitation of the existing 56 slip marina located at the west end of Maple Street in the Town of Islip. Proposed improvements include replacement of 1,200 linear feet of timber bulkhead with navy style vinyl sheet bulkhead, boardwalk structure with composite decking, upgrade of the existing shore power receptacles, and upgrade of the existing water utilities. A unique aspect of the proposed design was the replacement of the existing earthfill pier and timber bridgeways in conformance with the DEC regulations. LKMA provided plans and inspection services for the reconstruction of the asphalt parking lot and stormwater treatment system. Permits obtained by LKMA include NYS DEC, US Army Corps, and NYS Department of State. Soil investigations, site survey, electrical and bulkhead structural analyses were all performed by LKMA staff.

- TIMBER BULKHEAD REPLACEMENT
- DEC CONFORMANCE / PERMITTING
- CONSTRUCTION INSPECTION
- SOIL INVESTIGATIONS / SITE SURVEY
- 2008 COMPLETION
- \$ 1.6 MILLION



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

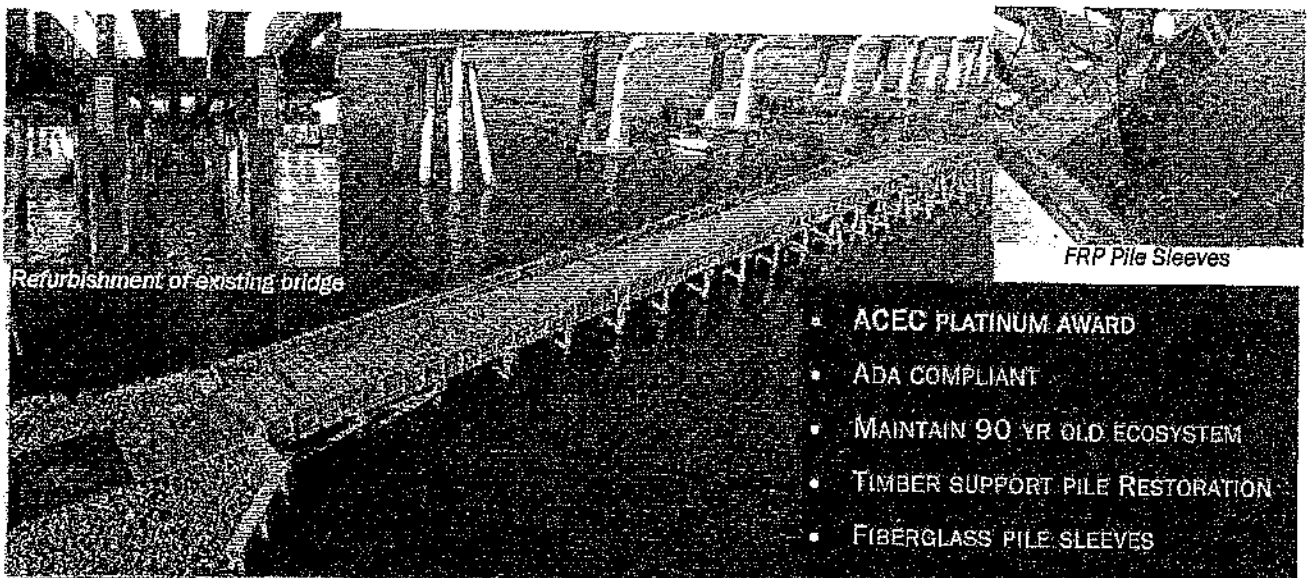
PROJECT NAME: OLD PONQUOGUE BRIDGE & PIER RESTORATION

CLIENT REFERENCE: CHRISTINE FETTEN, PE.
TOWN OF SOUTHAMPTON
631-702-1750



Project required design solutions for restoration of the Old Ponquogue Bridge constructed in 1930. This bridge was once a drawbridge connecting the mainland to the Atlantic Ocean barrier beach in Hampton Bays and was used until 1986 when a modern concrete bridge was constructed to replace it. After 1986, the drawbridge portion of the bridge was removed and the piers were left for the public to enjoy recreational activities such as fishing, diving and sightseeing. Since the original construction, the wood pilings have created one of the most diverse underwater ecosystems along the Long Island Shoreline. The south pier is considered Long Island's premier dive location.

The objective of the restoration was to save as much of the 1920's bridge design as possible. On the south pier, closely spaced IPE tropical hardwood decking was chosen to mimic the original bridge deck's sunlight/shading. Restoring the existing deteriorated timber piles included the use of fiberglass pile sleeves with epoxy fill preserve. Using divers, pile sleeves were placed from 2 feet below the mudline to 2 feet above the high water level. The north side's height above the water was substantially lower. To allow sunlight to penetrate to the bay bottom, an aluminum ADA compliant grate decking was incorporated into the design. The grate decking also was designed so that tidal fluctuations do not create uplift forces mitigating potential damage from tidal surges. The refurbishment design replaced all structural connections on the north and south piers.



Refurbishment of existing bridge

FRP Pile Sleeves

- ACEC PLATINUM AWARD
- ADA COMPLIANT
- MAINTAIN 90 YR OLD ECOSYSTEM
- TIMBER SUPPORT PILE RESTORATION
- FIBERGLASS PILE SLEEVES
- 2019 COMPLETION
- \$2 MILLION CONSTRUCTION

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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: SOUTHAMPTON SHINNECOCK COMMERCIAL FISHING PIER

CLIENT REFERENCE: KRISTEN DOULOS, TOWN PARKS DIRECTOR
TOWN OF SOUTHAMPTON
631-728-8585



This project entailed the inspection, design, survey and environmental permitting for renovation of a 20-slip commercial fishing dock. In-house certified divers performed an underwater structural inspection of the existing wooden pilings to assess damage caused by marine borers. Based on field observations the project was designed to include the installation of 27 new steel mooring piles, 600 linear feet of timber fender system, dredging of 250 yards of sediment, decking repairs and provision for electric service out along the pier. Additional project elements included the design and construction of a new Dock Masters Building, improvement of site storm water drainage, installation of site lighting and security surveillance system, and landscaping with beach grass.

- DESIGN, SURVEY, INSPECTION
- ENVIRONMENTAL PERMITTING
- UNDERWATER INSPECTIONS
- MOORING PILES/TIMBER FENDING
- STORMWATER DRAINAGE
- SITE LIGHTING



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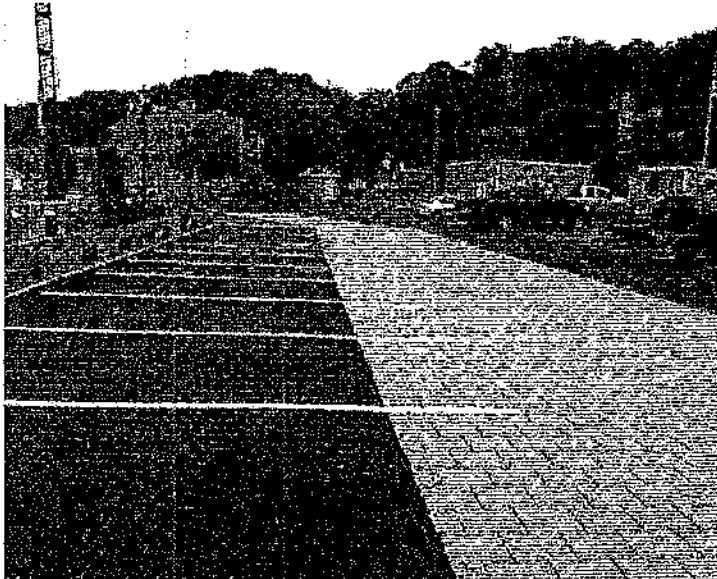
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

PROJECT NAME: HALESITE MARINA IMPROVEMENTS

CLIENT REFERENCE: ED PARRISH, PE
TOWN OF HUNTINGTON
516-903-2648



Provided survey, engineering and permitting services relative to the replacement of 410 linear feet of timber bulkhead with a new proposed epoxy coated steel bulkhead. Permits obtained by LKMA include NYSDEC, US Army Corps, and NYS Department of State. Topographic survey, permitting, bulkhead structural analysis and site design were all performed by LKMA staff. Project included bulkhead replacement, parking lot restoration, utility restoration to marina, architectural lighting, and stormwater quality improvements. Green Infrastructure in the form of porous pavers was implemented to capture and infiltrate the stormwater runoff from the parking lot prior.



- STEEL BULKHEAD
- PERMITTING (NYSDEC, USACE, NYSDOS)
- POROUS PAVERS (WATER QUALITY TREATMENT)
- 2016 COMPLETION
- \$2.5 MILLION



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TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

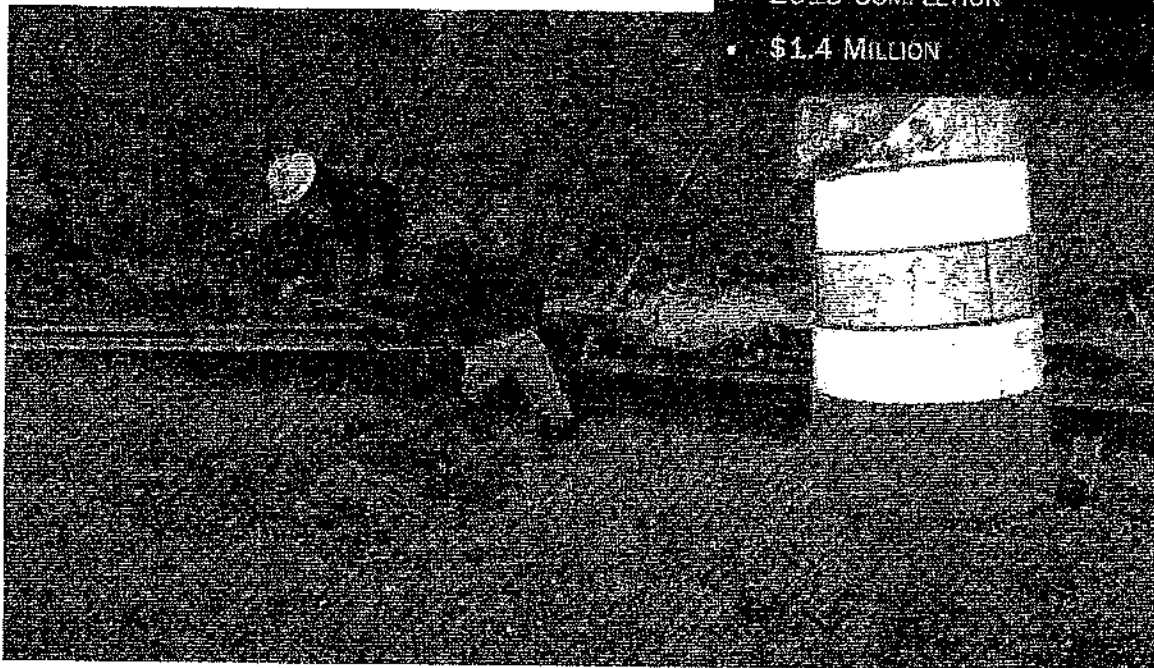
PROJECT NAME: TOWN OF HUNTINGTON TOWN DOCK

CLIENT REFERENCE: ED PARRISH, PE
TOWN OF HUNTINGTON
516-903-2648



Provided survey & engineering services relative to the replacement of 400 linear feet of timber bulkhead with the proposed epoxy coated steel bulkhead. Permits obtained by LKMA include NYSDEC, US Army Corps, and NYS Department of State. Site survey and bulkhead structural analyses were all performed by LKMA staff. Project included bulkhead replacement, parking lot restoration and stormwater quality improvements.

- TIMBER BULKHEAD REPLACEMENT
- PERMITTING
- SITE SURVEY
- STORMWATER QUALITY
- 2015 COMPLETION
- \$1.4 MILLION



Construction Photo of new epoxy coated steel bulkhead anchorage system.

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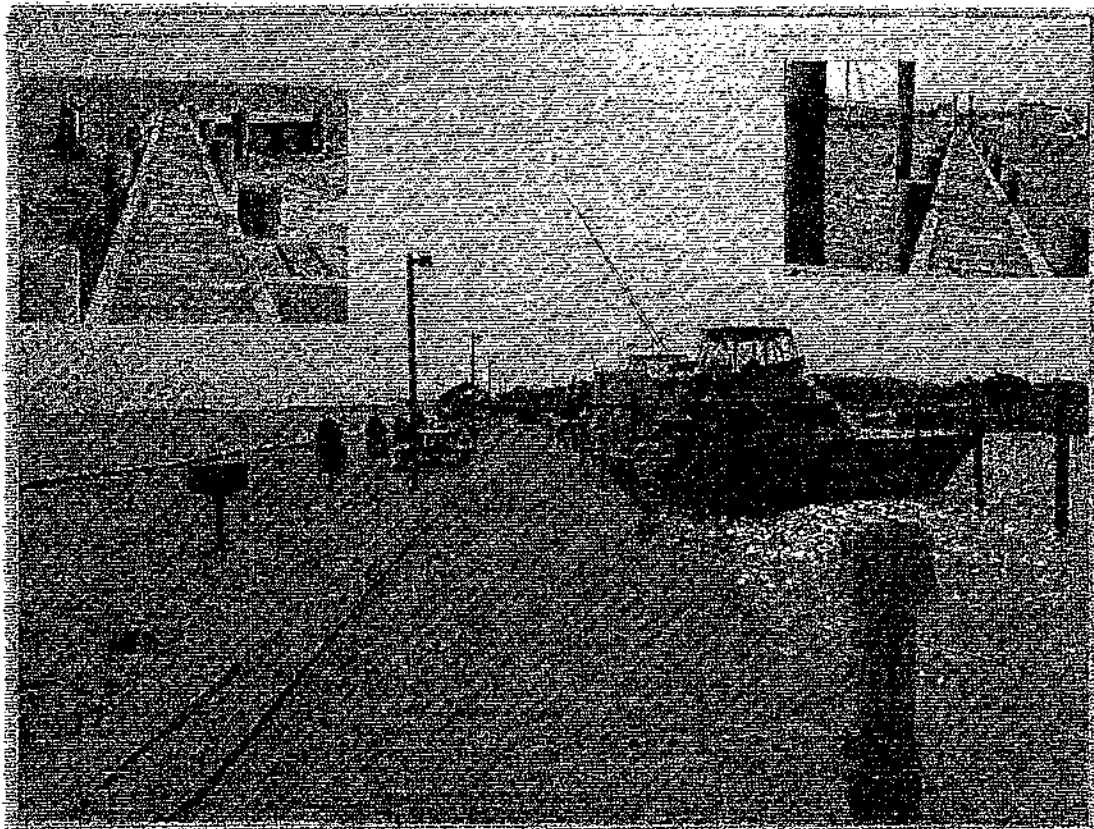
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

**PROJECT NAME: FIRE ISLAND—DAVIS PARK MARINA
PHASE TWO IMPROVEMENTS**

CLIENT REFERENCE: EDWARD MORRIS, COMMISSIONER
TOWN OF BROOKHAVEN DEPARTMENT OF PARKS & RECREATION
631-451-6140



Design, survey, mapping, and construction monitoring of a new composite timber boardwalk and vinyl bulkhead construction for additional transient slips along the north beach area of the Davis Park Marina. The project also included the construction of two new steel waterbreaks located on the east and west side of the marina opening. Each steel break was finished with CCA treated timbers for maintenance and aesthetic purposes. The project allowed the Town's maintenance crew to install a new electric service to five new light fixtures along the new boardwalk. New five (5) and seven (7) pile clusters were part of the project to protect the new steel water breaks and landing craft (TOB) docking area. The project also included maintenance dredging of two specific areas within the marina. The excess material (2,500 cubic yards) was used to rehabilitate the eroded North Beach area.



The photograph above depicts the new composite timber decking along the Town's North Beach Boardwalk with photos of the new steel water breaks in each upper corner.

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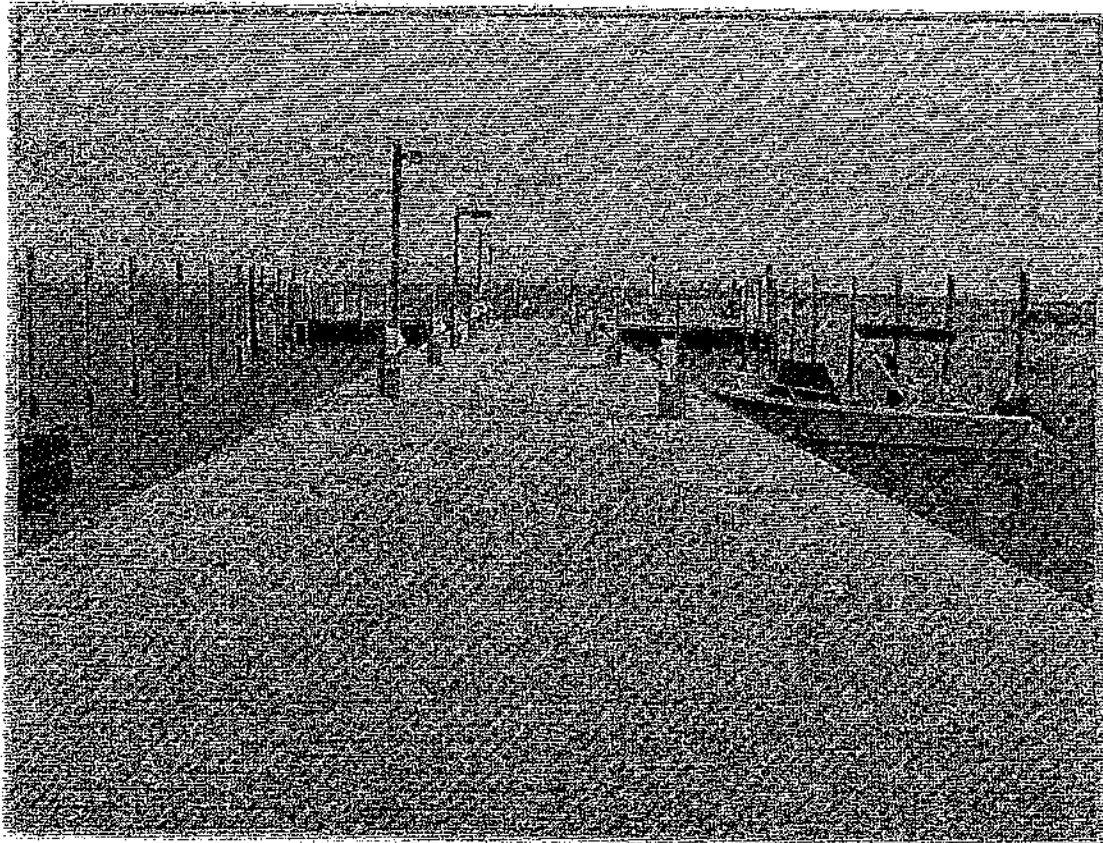
TODAY'S CHALLENGES | TOMORROW'S SOLUTIONS

**PROJECT NAME: FIRE ISLAND—DAVIS PARK MARINA
PHASE ONE IMPROVEMENTS**

CLIENT REFERENCE: EDWARD MORRIS, COMMISSIONER
TOWN OF BROOKHAVEN DEPARTMENT OF PARKS & RECREATION
631-451-6140



Design and construction monitoring of a new 8' X 44' finger dock for the Davis Park Ferry Company. The project also consisted of the replacement of CCA treated wood decking with a composite timber decking (Boardwalk by CertainTeed). The deck replacement continued from the entire dock to the Four Corners Intersection (Centerwalk meets Trustees Walkway) which is located approximately half way across the Island (north-south). New structural joists and stringers were installed along the new decking areas. The improvements allowed the Town's maintenance crew to replace all existing water and electrical lines with new services. New pile clusters were installed to assist the Ferry Company's docking procedures while new piles were installed within the marina to replace old piles compromised by the elements. The last major component of the marina improvements project was to resheath the entire perimeter of the pier and existing ferry dock.



The photo above depicts the new composite timber decking along the Town's ferry pier leading to the ferry docks at the Town's Davis Park Marina Facility in Fire Island.

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