

**Architectural/ Engineering
Consultant Contract**

PIN (s) Municipal Contract No. _____

Agreement made this _____ day of _____, _____ by and between

Village of Mamaroneck
(Municipal Corporation)

Having its principal office at 123 Mamaroneck Avenue, Mamaroneck, NY 10543
(the "**Municipality**" or "**Sponsor**")

and

HVEA Engineers with its office at 560 Route 52, Beacon, New York 12508
(to be known throughout this document as the "**Consultant**")

WITNESSETH:

WHEREAS, in connection with a federal-aid project funded through the Federal Emergency Management Agency ("FEMA") identified for the purposes of this contract as the **Tompkins Avenue Bridge Replacement over the Mamaroneck River** (as described in detail in Attachment A annexed hereto, the "Project") the Sponsor has sought to engage the services of a Consultant Engineer) to perform the scope of services described in Attachment B annexed hereto; and

WHEREAS, in accordance with required consultant selection procedures, including applicable requirements of FEMA, the New York State Department of Transportation ("NYSDOT") and/or the Federal Highway Administration ("FHWA"), the Sponsor has selected the Consultant to perform such services in accordance with the requirements of this Contract; and

WHEREAS, _____, is authorized to enter this Contract on behalf of the Sponsor,

NOW, THEREFORE, the parties hereto agree as follows:

ARTICLE 1. DOCUMENTS FORMING THIS CONTRACT

This contract consists of the following:

- **Agreement Form** - this document titled "Architectural/Engineering Consultant Contract";
- **Attachment "A"** - Project Description and Funding;
- **Attachment "B"** – Scope of Services;

- **Attachment "C"** - as applicable, Staffing Rates, Hours, Reimbursables and Fee.

ARTICLE 2. SCOPE OF SERVICES/STANDARD PRACTICES AND REQUIREMENTS

2.1 The CONSULTANT shall render all services and furnish all materials and equipment necessary to provide the Sponsor with plans, estimates and other services and deliverables more specifically described in Attachment "B".

2.2 The CONSULTANT shall ascertain the applicable practices of the Sponsor, FEMA, NYSDOT and/or FHWA prior to beginning any of the work of this PROJECT. All work required under this Contract shall be performed in accordance with these practices, sound engineering standards, practices and criteria, and any special requirements, more particularly described in Attachment "B".

2.3 The CONSULTANT will commence work no later than ten (10) days after receiving notice to proceed from the Sponsor.

ARTICLE 3. COMPENSATION METHODS, RATES AND PAYMENT

As full compensation for Consultant's work, services and expenses hereunder the Sponsor shall pay to the CONSULTANT, and the CONSULTANT agrees to accept compensation based the methods designated and described below. Payment of the compensation shall be in accordance with the Interim Payment procedures shown in the table and the final payment procedure in Article 6.

(Continued next page)

<input checked="" type="checkbox"/> 3.3 Lump Sum Cost Plus Reimbursables Method			
ITEM	DESCRIPTION OF ITEMS WITHIN METHOD	APPLICABLE RATE/ AMOUNT OR PERCENTAGE	INTERIM PAYMENTS
ITEM I	A Lump Sum paid to Consultant for the scope of services hereunder, unless this Contract is formally amended or supplemented by reason of a substantial change in the scope, complexity or character of the work to be performed.	A Lump Sum of \$420,200.00 .	The Consultant shall be paid in monthly progress payments based upon the percentage of work accomplished and Direct Non-Salary Costs incurred during the period. Progress payments are subject to approval by the Sponsor's representative.
ITEM II	<ul style="list-style-type: none"> Actual Direct Non-Salary Costs incurred in fulfilling the terms of this Contract; all subject to audit. 	<ul style="list-style-type: none"> Actual costs incurred in the performance of this contract as identified in Attachment C or otherwise approved in writing by the Sponsor or its representative. All reimbursement for travel, meals and lodging shall be made at actual cost paid, but such reimbursement shall not exceed the per diem rates established by NY State Comptroller. All reimbursement shall not exceed the prevailing wage rates established by the NYS Dept. of Labor. For Reimbursable Direct Non-Salary Costs a multiple of One times shall be applied to the expenses incurred by the Consultant, the consultant's employees, or the subconsultant not to exceed \$52,050. 	
ITEM III	<ul style="list-style-type: none"> Items required to be purchased for this Project not otherwise encompassed in Direct Non-salary Project-related Costs, which become the property of the Sponsor at the completion of the work or at the option of the Sponsor. 	<ul style="list-style-type: none"> Salvage value 	

ARTICLE 4. INSPECTION

The duly authorized representatives of the Sponsor, and on Federally aided projects, representatives of the FEDERAL EMERGENCY MANAGEMENT AGENCY, NEW YORK STATE DEPARTMENT OF TRANSPORTATION and the FEDERAL HIGHWAY ADMINISTRATION, shall have the right at all times to inspect the work of the CONSULTANT.

ARTICLE 5. AUDITS

5.1 Payment to the Consultant is subject to the following audit rights of the Sponsor:

- A. For Cost Plus Fixed Fee Method - All costs are subject to audit, i.e. labor, direct non-salary, overhead, and fee.
- B. For Specific Hourly Rate Method - Labor hours and direct non-salary costs are subject to audit. If elements subject to audit are less than \$300,000, an audit may be waived by the Sponsor.
- C. For Lump Sum Cost Plus Reimbursables Method - Only direct non-salary costs are subject to audit. If elements subject to audit are less than \$300,000, an audit may be waived by the Sponsor.

5.2 In order to enable the Sponsor to process the final payment properly and expeditiously, the CONSULTANT is advised that all of the following documents and submissions, as the same may be appropriate to this contract, are considered to be necessary to enable the commencement of the audit.

- A. Records of Direct Non-Salary Costs;
- B. Copies of any subcontracts relating to said contract;
- C. Location where records may be examined; and
- D. Name, address, telephone number of person to contact for production.

The application for final payment is not considered complete until receipt of these documents and information.

ARTICLE 6. FINAL PAYMENT

6.1 The Sponsor will make final payment within sixty (60) calendar days after receipt of an invoice which is properly prepared and submitted, and all appropriate documents and records are received.

6.2 The acceptance by the CONSULTANT of the final payment shall operate as and shall be a release to the Sponsor from all claims and liability to the CONSULTANT, its representatives and assigns for any and all things done, furnished for or relating to the services rendered by the CONSULTANT under or in connection with this Contract or for any part thereof except as otherwise provided herein.

ARTICLE 7. EXTRA WORK

7.1 Consultant's performance of this Contract within the compensation provided shall be continuously reviewed by the CONSULTANT. The CONSULTANT shall notify the Sponsor of the results of those reviews in writing by submittal of a Cost Control Report. Such Cost Control Report shall be submitted to the Sponsor on a monthly basis or such alternative interval as the Sponsor directs in writing.

7.2 If the CONSULTANT is of the opinion that any work the CONSULTANT has been directed to perform is beyond the scope of the PROJECT Contract and constitutes extra work, the CONSULTANT shall promptly notify the Sponsor, in writing, of this fact prior to beginning any of the work. The Sponsor shall be the sole judge as to whether or not such work is in fact beyond the scope of this Contract and constitutes extra work. In the event that the Sponsor determines that such work does constitute extra work, the Sponsor shall provide extra compensation to the CONSULTANT in a fair and equitable manner. If necessary, an amendment to the PROJECT CONTRACT, providing the compensation and describing the work authorized, shall be prepared and issued by the Sponsor. In this event, a Supplemental Agreement providing the compensation and describing the work authorized shall be issued by the Sponsor to the CONSULTANT for execution after approvals have been obtained from necessary Sponsor officials, and, if required from the Federal Highway Administration.

7.3 In the event of any claims being made or any actions being brought in connection with the PROJECT, the CONSULTANT agrees to render to the Sponsor all assistance required by the Sponsor. Compensation for work performed and costs incurred in connection with this requirement shall be made in a fair and equitable manner. In all cases provided for in this Contract for the additional services above described, the Sponsor's directions shall be exercised by the issuance of a separate Contract, if necessary.

ARTICLE 8. CONSULTING LIABILITY

The CONSULTANT shall be responsible for all damage to life and property due to negligent acts, errors or omissions of the CONSULTANT, his subcontractors, agents or employees in the performance of his service under this Contract.

Further, it is expressly understood that the CONSULTANT shall indemnify and save harmless the Sponsor from claims, suits, actions, damages and costs of every name and description resulting from the negligent performance of the services of the CONSULTANT under this Contract, and such indemnity shall not be limited by reasons of enumeration of any insurance coverage herein provided. Negligent performance of service, within the meaning of this Article, shall include, in addition to negligence founded upon tort, negligence based upon the CONSULTANT's failure to meet professional standards and resulting in obvious or patent errors in the progression of his work. Nothing in this Article or in this Contract shall create or give to third parties any claim or right of action against the Sponsor beyond such as may legally exist irrespective of this Article or this Contract.

The CONSULTANT shall procure and maintain for the duration of the work for such project(s), Professional Liability Insurance in the amount of One Million Dollars (\$1,000,000) per project, issued to and covering damage for liability imposed on the CONSULTANT by this Contract or law arising out of any negligent act, error, or omission in the rendering of or failure to render professional services required by the Contract. The CONSULTANT shall supply any certificates

of insurance required by the Sponsor and adhere to any additional requirements concerning insurance.

ARTICLE 9. WORKER'S COMPENSATION AND LIABILITY INSURANCE

This contract shall be void and of no effect unless the CONSULTANT shall secure Workman's Compensation Insurance for the benefit of, and keep insured during the life of this contract, such employees as are necessary to be insured in compliance with the provisions of the Workman's Compensation Law of the State of New York.

The CONSULTANT shall secure policies of general and automobile liability insurance, and maintain said policies in force during the life of this contract. Said policies of insurance shall protect against liability arising from errors and omissions, general liability and automobile liability in the performance of this contract in the sum of at least \$1,000,000.00 (One Million dollars) each.

The CONSULTANT shall furnish a certified copy of said policies to the Sponsor at the time of execution of this contract.

ARTICLE 10. INTERCHANGE OF DATA

All technical data in regard to the PROJECT existing in the office of the Sponsor or existing in the offices of the CONSULTANT shall be made available to the other party to this Contract without expense to such other party.

ARTICLE 11. RECORDS RETENTION

The CONSULTANT shall establish and maintain complete and accurate books, records, documents, accounts and other evidence directly pertinent to performance under this contract (collectively called the "Records"). The Records must be kept for a minimum of six (6) years or three (3) years after final payment is received, whichever is later. The Sponsor, State, Federal Highway Administration, or any authorized representatives of the Federal Government, shall have access to the Records during normal business hours at an office of THE CONSULTANT within the State of New York or, a mutually agreeable reasonable venue within the State, for the term specified above for the purposes of inspection, auditing and copying.

ARTICLE 12. DAMAGES AND DELAYS

The CONSULTANT agrees that no charges or claim for damages shall be made by him for any delays or hindrances from any cause whatsoever during the progress of any portion of the services specified in this Contract. Such delays or hindrances, if any, shall be compensated for by an extension of time for such reasonable period as the Sponsor may decide, it being understood however, that the permitting of the CONSULTANT to proceed to complete any services or any part of them after the date of completion or after the date to which the time of completion may have been extended, shall in no way operate as a waiver on the part of the Sponsor of any of its rights herein. Nothing in this ARTICLE will prevent the CONSULTANT from exercising his rights under ARTICLE 7 of this contract.

ARTICLE 13. TERMINATION

The Sponsor shall have the absolute right to terminate this Contract, and such action shall in no event be deemed a breach of contract:

- A. for convenience of the Sponsor - if a termination is brought about for the convenience of the Sponsor and not as a result of unsatisfactory performance on the part of the CONSULTANT, final payment shall be made based on the basis of the CONSULTANT'S compensable work delivered or completed prior to and under any continuing directions of such termination.
- B. for cause - if the termination is brought about as a result of the Sponsor's determination of unsatisfactory performance or breach of contract on the part of the CONSULTANT, the value of the work performed by the CONSULTANT prior to termination shall be established by the percent of the amount of such work satisfactorily delivered or completed by the CONSULTANT to the point of termination and acceptable to the Sponsor, of the total amount of work contemplated by the PROJECT CONTRACT.

ARTICLE 14. DEATH OR DISABILITY OF THE CONSULTANT

In case of the death or disability of one or more but not all the persons herein referred to as CONSULTANT, the rights and duties of the CONSULTANT shall descend upon the survivor or survivors of them, who shall be obligated to perform the services required under this Contract, and the Sponsor shall make all payments due to him, her or them.

In case of the death or disability of all the persons herein referred to as CONSULTANT, all data and records pertaining to the PROJECT shall be delivered within sixty (60) days to the Sponsor or his duly authorized representative. In case of the failure of the CONSULTANT's successors or personal representatives to make such delivery on demand, then in that event the representatives of the CONSULTANT shall be liable to the Sponsor for any damages it may sustain by reason thereof. Upon the delivery of all such data to the Sponsor, the Sponsor will pay to the representatives of the CONSULTANT all amounts due the CONSULTANT, including retained percentages to the date of the death of the last survivor.

ARTICLE 15. CODE OF ETHICS

The CONSULTANT specifically agrees that this Contract may be canceled or terminated if any work under this Contract is in conflict with the provisions of any applicable law establishing a Code of Ethics for Federal, State or Municipal officers and employees.

ARTICLE 16. INDEPENDENT CONTRACTOR

The CONSULTANT, in accordance with his status as an independent contractor, covenants and agrees that he will conduct himself consistent with such status, that he will neither hold himself out as, nor claim to be, an officer or employee of the Sponsor by reason hereof, and that he will not, by reason hereof, make any claim, demand or application to or for any right or privilege applicable to an officer or employee of the Sponsor, including but not limited to Worker's

Compensation coverage, Unemployment Insurance benefits, Social Security coverage or Retirement membership or credit.

ARTICLE 17. COVENANT AGAINST CONTINGENT FEES

The CONSULTANT warrants that he has not employed or retained any company or person, other than a bona fide employee working for the CONSULTANT, to solicit or secure this Contract, and that he has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, the Sponsor shall have the right to annul this Contract without liability, or, in its discretion, to deduct from the Contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

ARTICLE 18. TRANSFER OF AGREEMENT

The CONSULTANT specifically agrees, that he is prohibited from assigning, transferring, conveying, subletting or otherwise disposing of the Contract or of his right, title or interest therein, or his power to execute such Contract, to any other person, company or corporation, without the previous consent in writing of the Sponsor.

If this provision is violated, the Sponsor may revoke and annul the Contract and the Sponsor shall be relieved from any and all liability and obligations there under to the person, company or corporation to whom the CONSULTANT shall purport to assign, transfer, convey, sublet or otherwise dispose of the Contract without such consent in writing of the Sponsor.

ARTICLE 19. PROPRIETARY RIGHTS

The CONSULTANT agrees that if patentable discoveries or inventions should result from work described herein, all rights accruing from such discoveries or inventions shall be the sole property of the CONSULTANT. However, the CONSULTANT agrees to and does hereby grant to the United States Government and the State of New York and the Sponsor a nonexclusive, nontransferable, paid-up license to make, use, and sell each subject invention throughout the world by and on behalf of the Government of the United States and states and domestic municipal governments, all in accordance with the provisions of 48 CFR 1-27.

ARTICLE 20. SUBCONTRACTORS/ SUBCONSULTANTS

All SUBCONTRACTORS and SUBCONSULTANTS performing work on this project shall be bound by the same required contract provisions as the CONSULTANT. All agreements between the CONSULTANT and a subcontractor or other SUBCONSULTANT shall include all standard required contract provisions, and such agreements shall be subject to review by the Sponsor.

ARTICLE 20.1 PROMPT PAYMENT. While federal regulation ([49 CFR 26.29](#)) requires payment to subcontractors within 30 days, New York State law is more stringent. NYS General Municipal Law §106-b and NYS Finance Law Article 9, §139-f require prime contractors and prime consultants to pay their vendors within seven (7) calendar days of receipt of payment from the public owner/sponsor, and provides for interest on late payments for all public works contracts. Contract provisions incorporating any other

payment schedule will not be allowed. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished and documented. When the Sponsor has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed.

ARTICLE 21. CERTIFICATION REQUIRED BY 49 CFR, PART 29

The signator to this Contract, being duly sworn, certifies that, EXCEPT AS NOTED BELOW, its company and any person associated therewith in the capacity of owner, partner, director, officer, or major stockholder (five percent or more ownership)

- A. is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- B. has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past three years;
- C. does not have a proposed debarment pending; and
- D. has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three years.

ARTICLE 22. CERTIFICATION FOR FEDERAL-AID CONTRACTS

The prospective participant certifies, by signing this Contract to the best of his or her knowledge and belief, that:

- A. No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- B. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit the standard "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be, included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

ARTICLE 23. RESPONSIBILITY OF THE CONSULTANT

- A. The CONSULTANT shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications and other services furnished by the CONSULTANT under this contract. The CONSULTANT shall, without additional compensation, correct or revise any errors or deficiencies in its designs, drawings, specifications, and other services. However, the Sponsor may in certain circumstances, provide compensation for such work.
- B. Neither the Sponsor's review, approval or acceptance of, nor payment for, the services required under this contract shall be construed to operate as a waiver of any rights under this contract or of any cause of action arising out of the performance of this contract, and the CONSULTANT shall be and remain liable to the Sponsor in accordance with applicable law for all damages to the Sponsor caused by the CONSULTANT'S negligent performance or breach of contract of any of the services furnished under this contract.
- C. The rights and remedies of the Sponsor provided for under this contract are in addition to any other rights and remedies provided by law.
- D. If the CONSULTANT is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

ARTICLE 24. NON-DISCRIMINATION REQUIREMENTS

The CONSULTANT agrees to comply with all applicable Federal, State and Sponsor Civil Rights and Human Rights laws with reference to equal employment opportunities and the provision of services. In accordance with Article 15 of the Executive Law (also known as the Human Rights Law) and all other State and Federal Statutory and constitutional non-discrimination provisions, the CONSULTANT will not discriminate against any employee or applicant for employment because of race, creed, color, sex, national origin, age, disability or marital status. Furthermore, in accordance with Section 220-e of the Labor Law, if this is a contract for the construction, alteration or repair of any public building or public work for the manufacture, sale or distribution of materials, equipment or supplies, and to the extent that this contract shall be performed within the State of New York, CONSULTANT agrees that neither it nor its SUBCONSULTANTS shall, by reason of race, creed, color, disability, sex or national origin; (a) discriminate in hiring against any New York State citizen who is qualified and available to perform the work; or (b) discriminate against or intimidate any employee hired for the performance of work under this Contract. CONSULTANT is subject to fines of \$50.00 per person per day for any violation of Section 220-e or Section 239 as well as possible termination of this Contract and forfeiture of all moneys due hereunder for a second or subsequent violation.

ARTICLE 25. CERTIFICATION REQUIRED BY 40 CFR 111506.5(c)

If the work of the PROJECT includes the preparation of an Environmental Impact Statement (EIS), the signator to this Contract, being duly sworn, certifies that its company and any person associated therewith in the capacity of owner, partner, director, officer, or major stockholder (five percent or more ownership) does not have any financial or other interest in the outcome of the project including:

- a. an existing contract for the PROJECTs ROW incidental work or construction engineering;
or
- b. ownership of land, options to buy land, or some business enterprise which would be financially enhanced or diminished by any of the PROJECT alternatives.

This does not preclude the CONSULTANT from being awarded a future contract covering the work describe in this Article or being awarded Phases V & VI Final Design after the EIS has been approved.

ARTICLE 26. BIDDING OF DIRECT NON-SALARY ITEMS *(unless more restrictive municipal laws apply)*

For all contracts other than personal services in excess of \$5,000, the consultant shall solicit a number of quotes from qualified subcontractors so that at least three (3) quotes will be received. For all contracts other than personal services in excess of \$20,000 except printing contracts in excess of \$10,000, the consultant shall solicit a number of sealed bids from qualified subcontractors so that at least three (3) bids will be received. The consultant shall then enter into a subcontract with the lowest bidder or entity submitting the lowest quotation who is fully responsive to the invitation to submit a quote/bid.

ARTICLE 27. WAGE AND HOURS PROVISIONS

If this is a public work contract covered by Article 8 of the Labor Law or a building service contract covered by Article 9 thereof, neither Consultant's employees nor the employees of its subcontractors may be required or permitted to work more than the number of hours or days stated in said statutes, except as otherwise provided in the Labor Law and as set forth in prevailing wage and supplement schedules issued by the State Labor Department. Furthermore, Consultant and its subconsultants must pay at least the prevailing wage rate and pay or provide the prevailing supplements, including the premium rates for overtime pay, as determined by the State Labor Department in accordance with the Labor Law.

ARTICLE 28. INTERNATIONAL BOYCOTT PROHIBITION

In accordance with Section 220-f of the Labor Law and Section 139-h of the State Finance Law, if this contract exceeds \$5,000, the Consultant agrees, as a material condition of the contract, that neither the Consultant nor any substantially owned or affiliated person, firm, partnership or corporation has participated, is participating, or shall participate in an international boycott in violation of the federal Export Administration Act of 1979 (50 USC App. Sections 2401 et seq.) or regulations thereunder. If such Consultant, or any of the aforesaid affiliates of Consultant, is convicted or is otherwise found to have violated said laws or regulations upon the final determination of the United States Commerce Department or any other appropriate agency of the United States subsequent to the contract's execution, such contract, amendment or

modification thereto shall be rendered forfeit and void. The Contractor shall so notify the Sponsor and the New York State Comptroller within five (5) business days of such conviction, determination or disposition of appeal (see 2 NYCRR 105.4).

ARTICLE 29. SERVICE OF PROCESS

In addition to the methods of service allowed by the State Civil Practice Law & Rules ("CPLR"), Consultant hereby consents to service of process upon it by registered or certified mail, return receipt requested. Service hereunder shall be complete upon Consultant's actual receipt of process or upon the Sponsor's receipt of the return thereof by the United State Postal Service as refused or undeliverable. Consultant must promptly notify the Sponsor, in writing, of each and every change of address to which service of process can be made. Service by the Sponsor to the last known address shall be sufficient. Consultant will have thirty (30) calendar days after service hereunder is complete in which to respond.

ARTICLE 30. DISPOSITION OF PLANS, ESTIMATES AND OTHER DATA. At the time of completion of the work, the Consultant shall make available to the Sponsor all survey notes, computations, maps, tracings, original aerial film and photo indices if any, and all other documents and data pertaining to the work or to the project which material at all times shall be the property of the Sponsor. Or in the event that this Agreement is terminated for any reason, then, within ten (10) days after such termination, the Consultant shall make available to the Sponsor all the aforementioned engineering data and material. All original tracings of maps and other engineering data furnished to the Sponsor by the Consultant shall bear thereon the endorsement of the Consultant. All plans, estimates and other data prepared in accordance with this Agreement shall be considered confidential and shall be released only to the Sponsor.

ARTICLE 31. MISCELLANEOUS

31.1 ***Executory Contract.*** This Contract shall be deemed only executory to the extent of the monies available, and no liability shall be incurred by the Sponsor beyond the monies legally available for the purposes hereof.

IN WITNESS WHEREOF, the parties have duly executed this Contract effective the day and year first above written.

Reference: Sponsor Contract # _____

Sponsor by: _____ Date:	Consultant by: _____ Date:
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For the Sponsor:

STATE OF NEW YORK

ss:

COUNTY OF WESTCHESTER

On this ___ day of _____, _____ before me, the subscriber, personally appeared to me known, who, being by me duly sworn, did depose and say; that he/she resides in the _____, New York; that he/she is the _____ of the _____, the corporation described in and which executed the foregoing instrument; that he/she is the authorized with the execution of the matter herein provided for, and that he/she signed and acknowledged the said instrument in his/her position as a duly authorized representative of Sponsor.

 Notary Public, _____ County, N.Y.

For the Consultant:

STATE OF NEW YORK

ss:

COUNTY OF DUTCHESS

On this ___ day of _____, _____ before me, Mia K. Nadasky, personally appeared to me known, who, being by me duly sworn, did depose and say; that he/she resides in the _____, New York; that he/she is the Principal of HVEA Engineers, the corporation described in and which executed the foregoing instrument; that he/she is the authorized with the execution of the matter herein provided for, and that he/she signed and acknowledged the said instrument in his/her position as a duly authorized representative of Consultant.

 Notary Public, _____ County, N.Y.

Federal-Aid Requirements for Architectural/ Engineering Consultant Supplement

ARTICLE A. DOCUMENTS FORMING THIS AGREEMENT

The contract must include the documents forming the contract between the Sponsor and the Consultant. The following will be included in the contract:

- Agreement Form - "Municipal Consultant Contract";
- Project Description and Funding;
- Scope of Services;
- As applicable, Staffing Rates, Hours, Reimbursables and Fee;
- Federal-Aid Requirements for Architectural/Engineering Consultant Supplement.

ARTICLE B. COMPENSATION METHODS, RATES AND PAYMENT

As full compensation for Consultant's work, services and expenses hereunder the Sponsor shall pay to the CONSULTANT, and the CONSULTANT agrees to accept compensation based the methods designated and described in this contract. Compensation methods must be clearly documented in the contract. Compensation methods available are Cost Plus Fixed Fee Method, Specific Hourly Rate Method, and Lump Sum Cost Plus Reimbursables Method.

ARTICLE C. INSPECTION

The duly authorized representatives of the Sponsor, and on Federally aided projects, representatives of the NEW YORK STATE DEPARTMENT OF TRANSPORTATION and the FEDERAL HIGHWAY ADMINISTRATION, shall have the right at all times to inspect the work of the CONSULTANT.

ARTICLE D. EXTRA WORK

If the CONSULTANT is of the opinion that any work the CONSULTANT has been directed to perform is beyond the scope of the PROJECT CONTRACT and constitutes extra work, the CONSULTANT shall promptly notify the Sponsor, in writing, of this fact prior to beginning any of the work. The Sponsor shall be the sole judge as to whether or not such work is in fact beyond the scope of this Contract and constitutes extra work. In the event that the Sponsor determines that such work does constitute extra work, the Sponsor shall provide extra compensation to the CONSULTANT in a fair and equitable manner. If necessary, an amendment to the PROJECT CONTRACT, providing the compensation and describing the work authorized, shall be prepared and issued by the Sponsor. In this event, a Supplemental Agreement providing the compensation and describing the work authorized shall be issued by the Sponsor to the CONSULTANT for execution after approvals have been obtained from necessary Sponsor officials, and, if required from the Federal Highway Administration.

ARTICLE E. WORKER'S COMPENSATION AND LIABILITY INSURANCE

This contract shall be void and of no effect unless the CONSULTANT shall secure Workman's Compensation Insurance for the benefit of, and keep insured during the life of this contract, such employees as are necessary to be insured in compliance with the provisions of the Workman's Compensation Law of the State of New York.

The CONSULTANT shall secure policies of general and automobile liability insurance, and maintain said policies in force during the life of this contract. Said policies of insurance shall protect against liability arising from errors and omissions, general liability and automobile liability in the performance of this contract in the sum of at least \$1,000,000.00 (One Million dollars) each.

The CONSULTANT shall furnish a certified copy of said policies to the Sponsor at the time of execution of this contract.

ARTICLE F. RECORDS RETENTION

The CONSULTANT shall establish and maintain complete and accurate books, records, documents, accounts and other evidence directly pertinent to performance under this contract (collectively called the "Records"). The Records must be kept for a minimum of six (6) years or three (3) years after final payment is received, whichever is later. The Sponsor, State, Federal Highway Administration, or any authorized representatives of the Federal Government, shall have access to the Records during normal business hours at an office of THE CONSULTANT within the State of New York or, a mutually agreeable reasonable venue within the State, for the term specified above for the purposes of inspection, auditing and copying.

ARTICLE G. COVENANT AGAINST CONTINGENT FEES

The CONSULTANT warrants that he has not employed or retained any company or person, other than a bona fide employee working for the CONSULTANT, to solicit or secure this Contract, and that he has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, the Sponsor shall have the right to annul this Contract without liability, or, in its discretion, to deduct from the Contract price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.

ARTICLE H. PROPRIETARY RIGHTS

The CONSULTANT agrees that if patentable discoveries or inventions should result from work described herein, all rights accruing from such discoveries or inventions shall be the sole property of the CONSULTANT. However, the CONSULTANT agrees to and does hereby grant to the United States Government and the State of New York and the Sponsor a nonexclusive, nontransferable, paid-up license to make, use, and sell each subject invention throughout the world by and on behalf of the Government of the United States and states and domestic municipal governments, all in accordance with the provisions of 48 CFR 1-27.

ARTICLE I. CERTIFICATION REQUIRED BY 49 CFR, PART 29

The signator to this Contract, being duly sworn, certifies that, EXCEPT AS NOTED BELOW, its company and any person associated therewith in the capacity of owner, partner, director, officer, or major stockholder (five percent or more ownership)

- A. is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- B. has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past three years;
- C. does not have a proposed debarment pending; and
- D. has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three years.

ARTICLE J. CERTIFICATION FOR FEDERAL-AID CONTRACTS

The prospective participant certifies, by signing this Contract to the best of his or her knowledge and belief, that:

- A. No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative contract, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative contract.
- B. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative contract, the undersigned shall complete and submit the standard "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be, included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

ARTICLE K. NON-DISCRIMINATION REQUIREMENTS

The CONSULTANT agrees to comply with all applicable Federal, State and Sponsor Civil Rights and Human Rights laws with reference to equal employment opportunities and the provision of services. In accordance with Article 15 of the Executive Law (also known as the Human Rights Law) and Title VI of the Civil Rights Act of 1964, as amended, and any other State and Federal Statutory and constitutional non-discrimination provision, the CONSULTANT will not discriminate against any employee or applicant for employment because of race, creed, color, sex, national origin, age, disability or marital status. Furthermore, in accordance with Section 220-e of the Labor Law, if this is a contract for the construction, alteration or repair of any public building or public work for the manufacture, sale or distribution of materials, equipment or supplies, and to the extent that this contract shall be performed within the State of New York, CONSULTANT agrees that neither it nor its SUBCONSULTANTS shall, by reason of race, creed, color, disability, sex or national origin; (a) discriminate in hiring against any New York State citizen who is qualified and available to perform the work; or (b) discriminate against or intimidate any employee hired for the performance of work under this Contract. CONSULTANT is subject to fines of \$50.00 per person per day for any violation of Section 220-e or Section 239 as well as possible termination of this Contract and forfeiture of all moneys due hereunder for a second or subsequent violation.

ARTICLE L. CERTIFICATION REQUIRED BY 40 CFR 111506.5(c)

If the work of the PROJECT includes the preparation of an Environmental Impact Statement (EIS), the signator to this Contract, being duly sworn, certifies that its company and any person associated therewith in the capacity of owner, partner, director, officer, or major stockholder (five percent or more ownership) does not have any financial or other interest in the outcome of the project including:

- a. an existing contract for the PROJECTs ROW incidental work or construction engineering; or
- b. ownership of land, options to buy land, or some business enterprise which would be financially enhanced or diminished by any of the PROJECT alternatives.

This does not preclude the CONSULTANT from being awarded a future contract covering the work describe in this Article or being awarded Phases V & VI Final Design after the EIS has been approved.

ARTICLE M. WAGE AND HOURS PROVISIONS

If this is a public work contract covered by Article 8 of the Labor Law or a building service contract covered by Article 9 thereof, neither Consultant's employees nor the employees of its subcontractors may be required or permitted to work more than the number of hours or days

stated in said statutes, except as otherwise provided in the Labor Law and as set forth in prevailing wage and supplement schedules issued by the State Labor Department. Furthermore, Consultant and its subconsultants must pay at least the prevailing wage rate and pay or provide the prevailing supplements, including the premium rates for overtime pay, as determined by the State Labor Department in accordance with the Labor Law.

ARTICLE N. INTERNATIONAL BOYCOTT PROHIBITION

In accordance with Section 220-f of the Labor Law and Section 139-h of the State Finance Law, if this contract exceeds \$5,000, the Consultant agrees, as a material condition of the contract, that neither the Consultant nor any substantially owned or affiliated person, firm, partnership or corporation has participated, is participating, or shall participate in an international boycott in violation of the federal Export Administration Act of 1979 (50 USC App. Sections 2401 et seq.) or regulations thereunder. If such Consultant, or any of the aforesaid affiliates of Consultant, is convicted or is otherwise found to have violated said laws or regulations upon the final determination of the United States Commerce Department or any other appropriate agency of the United States subsequent to the contract's execution, such contract, amendment or modification thereto shall be rendered forfeit and void. The Contractor shall so notify the Sponsor and the State Comptroller within five (5) business days of such conviction, determination or disposition of appeal (See, 2 NYCRR 105.4).

ARTICLE O. PROMPT PAYMENT.

While federal regulation (49 CFR 26.29) requires payment to subcontractors within 30 days, New York State law is more stringent. NYS General Municipal Law §106-b and NYS Finance Law Article 9, §139-f require prime contractors and prime consultants to pay their vendors within seven (7) calendar days of receipt of payment from the public owner/sponsor, and provides for interest on late payments for all public works contracts. Contract provisions incorporating any other payment schedule will not be allowed. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished and documented. When the Sponsor has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed.

APPENDIX A-2 IRAN DIVESTMENT ACT

As a result of the Iran Divestment Act of 2012 (Act), Chapter 1 of the 2012 Laws of New York, a new provision has been added to the State Finance Law (SFL), § 165-a, effective April 12, 2012. Under the Act, the Commissioner of the Office of General Services (OGS) will be developing a list (prohibited entities list) of “persons” who are engaged in “investment activities in Iran” (both are defined terms in the law). Pursuant to SFL § 165-a(3)(b), the initial list is expected to be issued no later than 120 days after the Act’s effective date, at which time it will be posted on the OGS website.

By entering into this Contract, Contractor (or any assignee) certifies that once the prohibited entities list is posted on the OGS website, it will not utilize on such Contract any subcontractor that is identified on the prohibited entities list.

Additionally, Contractor agrees that after the list is posted on the OGS website, should it seek to renew or extend the Contract, it will be required to certify at the time the Contract is renewed or extended that it is not included on the prohibited entities list. Contractor also agrees that any proposed Assignee of the Contract will be required to certify that it is not on the prohibited entities list before the New York State Department of Transportation (NYSDOT) may approve a request for Assignment of Contract

During the term of the Contract, should NYSDOT receive information that a person is in violation of the above-referenced certification, NYSDOT will offer the person an opportunity to respond. If the person fails to demonstrate that it has ceased its engagement in the investment which is in violation of the Act within 90 days after the determination of such violation, then NYSDOT shall take such action as may be appropriate including, but not limited to, imposing sanctions, seeking compliance, recovering damages, or declaring the Contractor in default.

NYSDOT reserves the right to reject any request for assignment for an entity that appears on the prohibited entities list prior to the award of a contract, and to pursue a responsibility review with respect to any entity that is awarded a contract and appears on the prohibited entities list after contract award.

Attachment A

Project Description and Funding

Attachment A
Architectural/ Engineering Consultant Contract
Project Description and Funding

PIN:	<i>Term of Agreement Ends: December 31, 2025</i>	
BIN:		
<input checked="" type="checkbox"/> Main Agreement	<input type="checkbox"/> Amendment to Contract [add identifying #]	<input type="checkbox"/> Supplement to Contract
<i>Phase of Project Consultant to work on:</i>		
<input checked="" type="checkbox"/> P.E./Design	<input checked="" type="checkbox"/> ROW Incidentals	<input checked="" type="checkbox"/> ROW Acquisition
<input checked="" type="checkbox"/> Construction, C/I, & C/S (Supplemental)		
<i>PROJECT DESCRIPTION:</i>		
Preliminary and Final Design of:		
Tompkins Avenue Bridge Replacement over the Mamaroneck River		
Project Location:		
Village of Mamaroneck, Westchester County		
Consultant Work Type(s): See Attachment B for more detailed Scope of Services.		

MAXIMUM AMOUNT OF FUNDS FOR ALL COMPENSATION PAYABLE UNDER THIS AGREEMENT FOR THE SCOPE OF WORK DESCRIBED IN ATTACHMENT B FOR THE PROJECT DESCRIBED IN THIS ATTACHMENT A, OTHERWISE IN ACCORDANCE WITH THE CHOSEN METHOD OF COMPENSATION AND OTHER TERMS OF THIS AGREEMENT:
\$420,200.00

Footnotes:

Attachment B

Task List

Section 1 - General

1.01 Project Description and Location

Project Name: Hillside Avenue Bridge Replacement over the Mamaroneck River

PIN: 8761.65

Project Description: The project will replace the existing bridge carrying Tompkins Avenue over the Mamaroneck River.

Project Limits: Tompkins Avenue, approximately 250 +/- feet east and west and 200 +/- feet north and south of the centerline of the bridge.

Sponsor: Village of Mamaroneck

County: Westchester

1.02 Project Manager

The **Sponsor's** Project Manager for this project is **Daniel J. Sarnoff**, who can be reached at **(914) 777-7703**.

All correspondence to the **Sponsor** should be addressed to:

Daniel J. Sarnoff
Assistant Village Manager
Village of Mamaroneck
123 Mamaroneck Avenue
Mamaroneck, New York 10543
(914) 777-7703

The Project Manager should receive copies of all project correspondence directed other than to the **Sponsor**.

1.03 Project Classification

This project is assumed to be a C List action under USDOT Regulations, 23 CFR 771.

Classification under the New York State Environmental Quality Review Act (SEQRA) Part 617, Title 6 of the Official Compilation of Codes, Rules, and Regulations of New York State (6 NYCRR Part 617) is assumed to be Type II. The Village of Mamaroneck will be the lead agency.

1.04 Categorization of Work

Project work is generally divided into the following sections:

Section 1 General

Section 2	Data Collection & Analysis
Section 3	Preliminary Design
Section 4	Environmental
Section 5	Right-of-Way
Section 6	Detailed Design
Section 7	Advertising, Bid Opening and Award
Section 8	Construction Support
Section 9	Construction Inspection
Section 10	Estimating & Technical Assumptions

When specifically authorized in writing to begin work the **Consultant** will render all services and furnish all materials and equipment necessary to provide the **Sponsor** with reports, plans, estimates, and other data specifically described in Sections 1, 2, 3, 4, 5, 6, 7, 8 and 10.

1.05 Project Familiarization

The **Sponsor** will provide the **Consultant** with the following information:

- Approved project initiation document (Initial Project Proposal or similar documentation) indicating project type, project location, cost estimate, schedule, and fund source(s).
- Transportation needs.
- Plans for future related transportation improvements or development in the area of the project.
- Traffic data.
- Accident records and history.
- Most recent bridge inspection and condition report, NYSDOT weighted-average bridge condition rating, FHWA sufficiency rating, and NYSDOT Bridge Management System rating.
- Record as-built plans.
- Pavement history.
- Anticipated permits and approvals (initial determination).
- Terrain data requirements for design.
- Available project studies and reports.
- Other relevant documents pertaining to the project.

The **Consultant** will become familiar with the project before starting any work. This includes a thorough review of all supplied project information and a site visit to become familiar with field conditions.

1.06 Meetings

The **Consultant** will prepare for and attend all meetings as directed by the **Sponsor's Project Manager**. Meetings may be held to:

- Present, discuss, and receive direction on the progress and scheduling of work in this contract.
- Present, discuss, and receive direction on project specifics.
- Discuss and resolve comments resulting from review of project documents, advisory

- agency review, and coordination with other agencies.
- Preview visual aids for public meetings.
- Manage subconsultants and subcontractors.

The **Consultant** will be responsible for the preparation of all meeting minutes; the minutes will be submitted to meeting attendees within one (1) week of the meeting date.

1.07 Cost and Progress Reporting

For the duration of this contract, the **Consultant** will prepare and submit to the **Sponsor** on a monthly basis a Progress Report in a format approved by the **Sponsor**. The Progress Report must contain the [Cost Control Report](#).¹ The beginning and ending dates defining the reporting period must correspond to the beginning and ending dates for billing periods, so that this reporting process can also serve to explain billing charges. (In cases where all work under this contract is officially suspended by the **Sponsor**, this task will not be performed during the suspension period.)

1.08 Policy and Procedures

- The design of this project will be progressed in accordance with the current version of the [NYSDOT Procedures for Locally Administered Federal Aid Projects \(PLAFAP\) Manual](#)² including the latest updates.
- If there are conflicts between local policies and procedures and those listed in the *PLAFAP* those listed in the *PLAFAP* take precedence.

1.09 Standards & Specifications

The project will be designed and constructed in accordance with the current edition of the NYSDOT Standard Specifications for Construction and Materials, including all applicable revisions.

1.10 Subconsultants

The **Consultant** will be responsible for:

- Coordinating and scheduling work, including work to be performed by subconsultants.
- Technical compatibility of a subconsultant's work with the prime consultant's and other subconsultants' work.

1.11 Subcontractors

Procurement of subcontractors must be in accordance with the requirements set forth in the *NYSDOT PLAFAP Manual*.

¹ <https://www.dot.ny.gov/plafap/view-document?id=1598>

² <https://www.dot.ny.gov/plafap>

Section 2 - Data Collection and Analysis

2.01 Design Survey

A. Ground Survey

The **Consultant** will provide terrain data required for design by means of a topographic field survey **100 feet** east and west of the centerline of the structure. The survey will be aligned in the state datum.

B. Stream Survey

The **Consultant** will perform field surveys necessary to provide stream cross-sections for the hydraulic analysis of the Mamaroneck River. Cross-sections will be taken every 25 feet for a distance of 150 feet upstream and downstream of the structure.

C. Supplemental Survey

The **Consultant** will provide supplemental surveys when needed for design purposes and to keep the survey and mapping current.

C. Standards

Survey will be done in accordance with the standards set forth in the [NYS DOT Land Surveying Standards and Procedures Manual](#)³ and in accordance with local standards described in Section 10 of the SOS.

2.02 Design Mapping

The **Consultant** will provide the following design mapping:

- 40 scale mapping with 2 foot contour intervals from terrain data provided by the **Sponsor** and obtained by the **Consultant**.

The **Consultant** will provide supplemental mapping when needed for design purposes and keep the mapping current for the duration of the project.

2.03 Determination of Existing Conditions

The **Consultant** will determine, obtain or provide all information needed to accurately describe in pertinent project documents the existing conditions within and adjacent to the project limits.

³ <https://www.dot.ny.gov/divisions/engineering/design/design-services/land-survey/repository/LSSPM09.pdf>

2.04 Accident Data and Analysis

The **Sponsor** will provide accident records for the last three years for roads within the project limits plus one-tenth of a mile immediately outside of the project limits.

The **Consultant** will prepare collision diagrams and associated summary sheets for accidents involving pedestrians and bicyclists, and note any clusters of accidents or patterns implying inadequate geometrics, or other safety problems, within the project limits.

2.05 Traffic Counts

The **Consultant** will provide traffic count data for existing conditions, growth factors for forecasting, and forecast data, in accordance with the requirements noted in the [NYSDOT Traffic Monitoring Standards for Contractual Agreements Manual](#)⁴.

The **Consultant** will provide flow diagrams for appropriate peak periods (e. g., am, noon, pm) showing existing and design year volumes on the mainline, on each approach of all intersections, and at major traffic generators.

~~2.06 Capacity Analysis~~

~~The **Consultant** will perform capacity analyses using the latest version of the Transportation Research Board's *Highway Capacity Manual* at mainline and intersection locations within the project limit to determine:~~

- ~~§ Existing level of service.~~
- ~~§ Design year level of service.~~
- ~~§ Estimates of the duration of the poor level of service where it occurs during commuter travel periods.~~

~~The **Consultant** will develop project travel speed and delay estimates for the peak hour and average hour for:~~

- ~~— Existing traffic conditions.~~
- ~~— Design year traffic for the null alternative.~~

2.07 Future Plans for Roadway and Coordination with Other Projects

The **Sponsor** will provide a brief written statement specifying whether or not plans exist to reconstruct or widen the highway segments immediately adjacent to the project within the next twenty years.

The **Sponsor** will determine the influence, if any, of other existing or proposed projects or proposed developments in the vicinity of this project (e.g., whether a nearby highway widening would influence this project's design traffic volumes).

⁴ <https://www.dot.ny.gov/divisions/engineering/technical-services/hds-repository/Traffic%20Monitoring%20Standards%20for%20Contractual%20Agreements.rtf>

The **Sponsor** will provide all necessary information pertaining to the other projects or developments.

2.08 Soil Investigations

The **Consultant** will determine the boring locations, diameters, and sampling intervals; designate soil boring numbers; stake out the locations; take the soil borings; document the resulting subsurface information; and survey and map the actual boring locations.

2.09 Hydraulic Analysis

The **Consultant** will perform a hydraulic analysis in accordance with the principles outlined in the [Section 3.4 of the NYSDOT Bridge Manual](#)⁵.

~~2.11 Pavement Evaluation~~

~~The **Consultant** will take pavement cores to determine the depth of existing asphalt on Hillside Avenue.~~

Section 3 - Preliminary Design

3.01 Design Criteria

The **Consultant** will identify the applicable design standards to be used for this project, and will establish project-specific design criteria in accordance with the “Locally Administered Federal Aid Procedures Manual.”

The **Sponsor** will approve the selected project design criteria and will obtain NYSDOT concurrence (either by a written submission or at a meeting).

Based on the selected design criteria, the **Consultant** will identify all existing non-standard features that are within and immediately adjacent to the project limits. Non-standard features that correlate with a high accident rate will be noted.

3.02 Development of Alternatives

A. Selection of Design Alternative(s)

The **Consultant** will identify and make rudimentary evaluations of potential design alternative concepts that would meet the **Sponsor’s** defined project objectives. These evaluations are not to be carried beyond the point of establishing the feasibility of each concept as a design alternative; only those significant environmental and geometric design constraints that bear on the feasibility should be identified.

⁵ https://www.dot.ny.gov/divisions/engineering/structures/repository/manuals/brman_4th_edition

For each concept the **Consultant** will prepare rudimentary sketches of plan, profile, and typical section views which show:

- **On plan:** proposed centerlines; pavement edges; curve radii and termini; and existing ROW limits.
- **On profile:** theoretical grade lines; critical clearances; vertical curve data; grades; and touchdown points.
- **On typical section:** lane, median, and shoulder widths; ditches; gutters; curbs; and side slopes.
- **Where necessary:** important existing features.
- **Where pertaining to feasibility:** significant environmental and geometric design constraints, labeled as such.

These sketches will include only the minimum information needed to select design alternatives to be studied in further detail.

The **Consultant** will meet with the **Sponsor** to discuss the concepts, using the sketches as discussion aids to describe the relative order-of-magnitude costs, advantages, disadvantages, and problem areas of each. From these concepts the **Sponsor** will select one, or in some cases more, design alternative(s) for further development.

B. Detailed Evaluations of Alternative(s)

The **Consultant** will further evaluate each design alternative and the null alternative with specific engineering analyses and considerations. Analyses will be conceptual and limited to determining the relative suitability of each design alternative, and will include:

- Design geometry, including the identification and comparison of alignment constraints and (where applicable) justification for retaining nonstandard design features, per the “Locally Administered Federal Aid Procedures Manual.”
- Environmental constraints and potential environmental impact mitigation measures (identified under Section 4 tasks).
- Traffic flow and safety considerations, including signs, signals, and level of service analysis for intersections.
- Pavement.
- Structures, including bridges, retaining walls, major culverts, and building alterations (limited to establishing basic concepts, accommodating clearances and stream flow, and estimating costs). Bridge investigative work (inspection, deck coring, etc.) is covered under Section 2.
- Drainage.
- Maintenance responsibility.
- Maintenance and protection of traffic during construction.
- Soil and foundation considerations.
- Utilities.
- ~~Railroads.~~
- Right-of-way acquisition requirements.
- Accessibility for pedestrians, bicyclists and the disabled.

- Lighting.
- Construction cost factors.

The **Consultant** will prepare the following drawings for each design alternative analyzed:

- 100 scale plans showing (as a minimum) stationed centerlines; roadway geometrics; major drainage features; construction limits; cut and fill limits; and proposed right-of-way acquisition lines.
- Typical sections showing (as a minimum) lane, median, and shoulder widths; ditches; gutters; curbs; and side slopes.

3.03 Cost Estimates

The **Consultant** will develop, provide and maintain a cost estimate for each design alternative.

The **Consultant** will update the estimate periodically and as necessary to incorporate significant design changes.

3.04 Preparation of Draft Design Approval Document

For this project, the Design Approval Document (DAD) will be a “**Initial Project Proposal / Final Design Report.**”

The **Sponsor** will make all determinations not specifically assigned to the **Consultant** which are needed to prepare the Draft DAD.

The **Consultant** will prepare a Draft DAD, which will include the results of analyses and/or studies performed in other Sections of this document. The DAD will be formatted as specified in the NYSDOT [Project Development Manual \(PDM\)](#).⁶

The **Consultant** will submit 2 copies of the Draft DAD to the **Sponsor** for review. The **Sponsor** will review the Draft DAD and provide the **Consultant** with review comments. The **Consultant** will revise the Draft DAD to incorporate the comments.

3.06 Public Information Meeting(s) and/or Public Hearing(s)

A Public Information Meeting(s)

The **Sponsor** will hold public information meeting(s) with advisory agencies, local officials, and citizens. The **Consultant** will prepare a discussion of the project and conduct the meeting. The **Sponsor** will arrange for the location of public information meeting(s). The **Sponsor** will be responsible for providing appropriate notification.

3.07 Preparation of Final Design Approval Document (DAD)

⁶ <https://www.dot.ny.gov/divisions/engineering/design/dqab/pdm>

The **Sponsor** will obtain all necessary approvals and concurrences and will publish all applicable legal notices.

The **Consultant** will prepare the Design Recommendation, and will modify the DAD to include the Design Recommendation, re-title the DAD in accordance with the *PDM* Manual, and update existing conditions and costs as necessary. The **Consultant** will incorporate changes resulting from the advisory agency review and all public information meetings and public hearings.

The **Consultant** will submit 2 copies of the Final DAD to the **Sponsor** for review. The **Sponsor** will review the Final DAD and provide the **Consultant** with review comments. The **Consultant** will revise the Final DAD to incorporate the comments.

The **Sponsor** will submit 1 copy of the Final DAD to NYSDOT for a Final Environmental Determination. NYSDOT will make the determination or obtain FHWA's determination. If necessary, NYSDOT will transmit the Final DAD to FHWA for final review and concurrence. The **Consultant** will again revise the Final DAD to incorporate changes (assumed minor) resulting from the NYSDOT and/or FHWA review.

The **Sponsor** will grant or obtain, from or through NYSDOT, Design Approval.

Section 4 – Environmental

4.01 NEPA Classification

The **Consultant** will verify the anticipated NEPA Classification.

If the project is assumed to be a Class II action, then the **Consultant** will complete the Federal Environmental Approval Worksheet (FEAW), and forward the completed worksheet to the **Sponsor** for forwarding to NYSDOT (with the Final DAD) for a final NEPA determination. The FEAW need not be completed for projects assumed to be Class I or III actions.

The Lead Agency for NEPA is the Federal Emergency Management Agency (FEMA).

4.02 SEQRA Classification

The **Consultant** will assist the **Sponsor** in complying with SEQRA (6 NYCRR Part 617). The **Sponsor** is the Lead Agency. Consultant tasks include, but are not limited to:

- Drafting Environmental Assessment Form(s) (Short EAF).

The **Consultant** will document the results of SEQRA processing in the body of the Design Approval Document (DAD) and will include documentation of the final SEQRA determination in the Appendix of the DAD.

4.03 Screenings and Preliminary Investigations

The **Consultant** will screen and perform preliminary investigations to determine potential impacts resulting from the design alternative(s) for:

- General Ecology and Endangered Species
- Ground Water
- Surface Water
- State Wetlands
- Federal Jurisdictional Wetlands
- Floodplains
- Coastal Zone Management
- Navigable Waterways
- Historic Resources
- Parks
- Hazardous Waste
- Asbestos
- Noise
- Air Quality
- Energy
- Farmlands
- Invasive Species
- Visual Impacts
- Critical Environmental Areas
- Smart Growth
- Environmental Justice

Work will be performed, as summarized in the PLAFAP Manual and detailed in the PDM and the TEM, to determine whether further detailed analysis or study is required. The results of these screenings and preliminary investigations will be summarized in the appropriate sections of the DAD.

4.05 Permits and Approvals

The **Consultant** will obtain all applicable permit(s) and certification(s), including but not necessarily limited to:

- ~~NYSDOT Highway Work Permit~~
- Article 24 Freshwater Wetlands Permit
- Article 25 Tidal Wetlands Permit
- FHWA Executive Order 11990 Wetlands Finding
- U.S. Coast Guard Section 9 Permit
- U.S. Army Corps of Engineers Section 10 Permit (Individual or Nationwide)
- U.S. Army Corps of Engineers Section 404 Permit (Individual or Nationwide)
- NYSDEC Section 401 Water Quality Certification
- NYSDEC State Pollution Discharge Elimination System (SPDES) Permit
- NYSDEC Article 15 Protection of Waters Permit
- Safe Drinking Water Act Section 1424(e)

- Migratory Bird Treaty Act
- Coastal Zone Consistency
- Scenic, Wild and Recreational Rivers

Section 5 - Right-of-Way

5.01 Abstract Request Map and/or Title Search

The **Consultant** will engage a qualified title company to complete title searches (abstracts of title) for properties to be acquired by the **Sponsor**.

5.02 Right-of-Way Survey

The **Consultant** will perform survey needed to accurately determine existing right-of-way limits and establish side property lines.

5.03 Right-of-Way Mapping

The **Consultant** will meet with the **Sponsor** to discuss the types of right-of-way acquisitions required and the limits of acquisition lines.

The **Consultant** will prepare acquisition map(s) in accordance with the format provided by the **Sponsor**. All right-of-way mapping will show dimensions in U.S. Customary units of measurement.

The **Consultant** will prepare all map revisions or additions which are determined necessary during the construction of the project.

5.04 Right-of-Way Plan

The **Consultant** will prepare the Right-of-Way Plan(s) in accordance with the PLAFAP Manual.

5.05 Right-of-Way Cost Estimates

The **Consultant** will provide cost estimates for the right-of-way to be acquired by the **Sponsor** on all alternatives being considered and will provide updated estimates, as necessary.

5.07 Property Appraisals

The **Consultant** will prepare property appraisals establishing an opinion of value for any damages caused by the acquisition(s). The **Consultant** will also prepare estimates for the rental of occupied property(ies).

5.08 Appraisal Review

The **Sponsor** must have a Certified General Appraiser review the property appraisals. The appraisal reviewer will recommend a value of “just compensation” to the Sponsor. The Sponsor must set the value of just compensation prior to offers being made to the property owners.

5.09 Negotiations and Acquisition of Property

Property offers must not be made until authorization is granted to the **Sponsor** by the NYSDOT.

The **Consultant** will negotiate with property owners for the acquisition of their property, including completion of all documents required by the **Sponsor** in order to obtain the property.

Section 6 - Detailed Design

6.01 Preliminary Bridge Plans

A. New and Replacement Bridges

The **Consultant** will prepare and submit to the **Sponsor** a Preliminary Bridge Plan in accordance with the [NYSDOT Bridge Manual](#).⁷ For each bridge, the **Consultant** will prepare and submit to the **Sponsor** a Structure Justification Report. The format and content of the Structure Justification Report will be as outlined in the *NYSDOT Bridge Manual*.

6.02 Advance Detail Plans (ADP)

The **Consultant** will develop the approved design alternative to the ADP stage. At this stage all plans, specifications, estimates and other associated materials will be **90%** complete.

As part of this task the **Consultant** will prepare templated cross sections at 20 foot intervals.

Advance Detail Plans will be in accordance with [Chapter 21 of the NYSDOT Highway Design Manual](#).⁸

The **Consultant** will prepare and submit 2 copies of the ADP's to the **Sponsor** for review. The **Consultant** will modify the design to reflect the review of the ADP package.

6.03 Contract Documents

⁷ https://www.dot.ny.gov/divisions/engineering/structures/repository/manuals/brman-usc/2011_nysdot_Br_Man_repl_pgs.pdf

⁸ https://www.dot.ny.gov/divisions/engineering/design/dqab/hdm/hdm-repository/Chapt_21.pdf

The **Consultant** will prepare a complete package of bid-ready contract documents. The package will include:

- Instructions to bidders.
- Bid documents.
- Contract language, including applicable federal provisions and prevailing wage rates.
- Special notes.
- Specifications.
- Plans.
- A list of supplemental information available to bidders (i.e., subsurface exploration logs, record as-built plans, etc.).
- Other pertinent information.

The **Consultant** will submit the contract documents to the **Sponsor** for approval. Upon approval, the **Sponsor** will submit 3 copies of the contract bid documents to NYSDOT as described in the *PLAFAP Manual*.

6.04 Cost Estimate

The **Consultant** will develop, provide, and maintain the construction cost estimate for the project. The **Consultant** will update the estimate periodically and as necessary to incorporate significant design changes, and will develop and provide the final Engineer's Estimate, including all quantity computations.

6.05 Utilities

The **Consultant** will coordinate with affected utility companies to ensure the timely relocation of utility poles and appurtenances. The **Consultant** will assist the **Sponsor** in preparing any necessary agreements with utility companies. Any agreements containing reimbursable relocations must be approved and signed by the Design Support Section of the NYSDOT Design Quality Assurance Bureau (see PLAFAP Manual Appendix 10-8).

6.08 Information Transmittal

Upon completion of the contract documents, the **Consultant** will transmit to the **Sponsor** all project information, including electronic files. The electronic information will be in the format requested by the **Sponsor**.

Section 7 - Advertisement, Bid Opening and Award

7.01 Advertisement

The **Consultant** will prepare the advertisement for bids to be placed in the NYS Contract Reporter and any other newspaper or publication identified by the **Sponsor**. The

Consultant will submit the ad(s) to the **Sponsor** for review and will revise the ad(s) to reflect comments generated by that review. Upon approval, the **Sponsor** will place the advertisements.

Advertisements must not be placed until authorization is granted to the **Sponsor** by the NYSDOT.

7.02 Bid Opening (Letting)

The **Sponsor** will hold the public bid opening.

7.03 Award

The **Consultant** will analyze the bid results. The analysis will include:

- Verifying the low bidder.
- Ensuring receipt of all required bid documents (non-collusive bid certification, debarment history certification, etc.).
- Making phone calls to low bidder references, if determined necessary.
- Breaking the low bid into fiscal shares, if necessary.
- Determining whether the low bid is unbalanced.
- For pay items bid more than 25% over the Engineer's Estimate:
 - Checking accuracy of quantity calculations.
 - Determining appropriateness of price bid for work in the item.
 - Determining whether the low bidder is qualified to perform the work.
- Providing a mathematical certification of the low bid.
- Making a recommendation to the **Sponsor** for award.

The **Consultant** will assist the **Sponsor** in preparing and compiling the package of information to be transmitted to the NYSDOT.

The **Sponsor** will award the contract and will transmit the award package to the NYSDOT as described in the Procedures for Locally Administered Federal Aid Projects (PLAFAP) Manual.

Section 8 - Construction Support

To be added to the Consultant Agreement by Supplemental Agreement.

Section 9 - Construction Inspection

To be added to the Consultant Agreement by Supplemental Agreement.

Section 10 - Estimating and Technical Assumptions

10.01 Estimating Assumptions

The following assumptions have been made for estimating purposes:

Section 1 Estimate 8 meetings during the life of this agreement. Assume 4 hours per meeting.

Estimate 18 cost and progress reporting periods will occur during the life of this agreement. Assume 1 hours per report.

Section 2 Assume that GPS methods and equipment will be used to establish local control points.

Survey will be based on NYS Plane.

Estimate 10 accidents will require analysis.

Traffic data will be based on available traffic counts from the **Sponsor** (Village of Mamaroneck), Town of Mamaroneck and/or Town of Rye and NYSDOT.

Estimate 4 soil borings will be taken.

Estimate 0 pavement cores will be taken.

Assumed that the **Sponsor** will provide traffic control or a temporary closure of Hillside Avenue in order for soil borings to be taken.

Section 3 Estimate 3 concepts will be evaluated.

Estimate 2 design alternatives will be analyzed in addition to the null alternative.

Estimate 1 cost estimate plus 2 updates will be required.

Estimate 0 bridges will be rehabilitated.

- Estimate 1 public informational meeting will be held.
- Section 4 Assume project is a NEPA “C List” requiring the Federal Environmental Approval Worksheet
- Project will be a SEQR Type II Action requiring at most a Short EAF.
- Estimate 2 permits will be required.
- A Section 106 (SHPO) determination package will be required.
- USFWS Section 7 and NYSDEC Heritage Program consultation will be required.
- A Habitat Assessment will be required. Detailed habitat studies will not be required.
- Section 5 Estimate 1 properties will require title searches.
- Estimate 1 taking maps will be required.
- Estimate 0 public hearings.
- Estimate 0 administrative settlements.
- Estimate 0 condemnations.
- Estimate 0 relocations.
- Assume no need for property management.
- Section 6 Detailed Design or Final Design
- Final Design will include but not be limited to:
- Development of bridge, sidewalk, and drainage plans.
 - Highway design.
 - Maintenance and protection of traffic / detour plans during construction.
 - Preparation and submission of final Plans, Specifications, and Estimate (PS&E) for the project.
- Estimate 1 cost estimate(s) plus 2 updates will be required.
- Estimate 1 bridges will be replaced and 0 will be rehabilitated.
- Estimate 4 utility companies and 0 railroad agencies will be affected.
- Assumed that the **Sponsor** will provide any pertinent contract or boiler plate language in digital format for the preparation of the bid proposal.

Section 7 Estimate 4 copies of the final contract bid documents will be needed for Sponsor and NYSDOT. The **Sponsor** shall be responsible for additional paper copies to bidders. The **Consultant** will provide CD's containing the project documents.

Attachment C

Staffing Rates, Hours, and Estimated Direct Non-Salary Costs

Salary Schedule

JOB TITLE	ASCE (A) OR NICET (N)	AVERAGE HOURLY RATES		OVERTIME
	GRADE	PRESENT	PROJECTED	CATEGORY
		Aug-22	Aug-23	
Project Manager	VI (A)	\$73.34	\$75.54	A
Project Engineer	IV (A)	\$62.26	\$64.13	B
Design Engineer	III (A)	\$50.60	\$52.12	C
Staff Engineer	I/II (A)	\$37.99	\$39.13	C
CAD Operator/Detailer	I/II (A)	\$40.20	\$41.41	C

OVERTIME POLICY

- Category A - No overtime compensation.
- Category B - Overtime compensated at straight time rate.
- Category C - Overtime compensated at straight time rate x 1.50.

Overtime applies to hours worked in excess of the normal working hours of 8 hours per day.

Staffing Worksheet

Section	Task	Principal in Charge	Project Manager	Project Engineer	Design Engineer	Staff Engineer	CAD Operator
Preliminary Design							
SECTION 1 General	1.05 Project Familiarization		2	8	8		
	1.06 Meetings		32	32	32		
	1.07 Cost and Progress Reporting		18				
	1.10 Subconsultant Coordination		8				
	1.11 Subcontractors						
	<i>Subtotal, Section 1</i>	0	60	40	40	0	0
SECTION 2 Data Collection and Analysis	2.01 Design Survey						24
	2.02 Design Mapping						
	2.03 Determination of exist. Conditions		4	40	40		
	2.04 Accident Data and Analysis			4	8		
	2.05 Traffic Counts (flow diag.)						
	2.06 Capacity Analysis						
	2.07 Future Plans						
	2.08 Soil Investigations		4	16	40		
	2.09 Hydraulic Analysis		4	40	40		
	2.10 Bridges to be Rehabilitated						
	2.11 Pavement Evaluation				4		
	<i>Subtotal, Section 2</i>	0	12	104	128	0	24
SECTION 3 Preliminary Design	3.01 Design Criteria, identify nonstandard features			4			
	3.02 Development of Alternatives		16	40	80		40
	3.03 Cost Estimates		4	24	60		
	3.04 Preparation of Draft DAD		4	40	80		
	3.05 Advisory Agency Review						
	3.06 Public Information Meeting		8	8	16		
	3.07 Preparation of Final DAD		4	20	40		
	<i>Subtotal, Section 3</i>	0	36	136	276	0	40
SECTION 4 Environmental	4.01 NEPA Classification			4	8		
	4.02 SEQRA Classification			4	8		
	4.03 Screenings and Prelim. Invest.		4	24	80		
	4.04 Detailed Studies and Analyses						
	4.05 Permits and Approvals		4	24	80		24
	<i>Subtotal, Section 4</i>	0	8	56	176	0	24
<i>Subtotal, Preliminary Design:</i>		0	116	336	620	0	88
Direct Technical Labor, Prelim. Design:		\$0.00	\$8,507.44	\$20,919.36	\$31,372.00	\$0.00	\$3,537.60
ROW Incidentals							
SECTION 5 Right-of-Way	5.01 Abstract Request Map/Title Search			2			
	5.02 Right-of-Way Survey			2			
	5.03 Right-of-Way Mapping			4			
	5.04 Right-of-Way Plan			4			
	5.05 Right-of-Way Cost Estimates			4			
	5.06 Public Hearings/Meetings			0			
	5.07 Property Appraisals			2			
	5.08 Appraisal Review			2			
	5.09 Negotiations and Acquisition of Prop.			8			
	5.10 Relocation Assistance						
	5.11 Property Management						
	<i>Subtotal, Section 5</i>	0	0	28	0	0	0
<i>Subtotal, ROW Incidentals:</i>		0	0	28	0	0	0
Direct Technical Labor, ROW Incidentals:		\$0.00	\$0.00	\$1,743.28	\$0.00	\$0.00	\$0.00
Detailed Design							
SECTION 6 Detailed Design	6.01 Preliminary Bridge Plans		16	120	200		80
	6.02 Advance Detail Plans		16	120	200		80
	6.03 Contract Documents		8	40	80		
	6.04 Cost Estimate		4	24	80		
	6.05 Utilities		24	24	40		
	6.06 Railroads						
	6.07 Bridge Inventory & Load Rating		8	40	80		
	6.08 Information Transmittal				8		
	<i>Subtotal, Section 6</i>	0	76	368	688	0	160
SECTION 7 Advertisement, Bid Opening, and Award	7.01 Advertisement			2			
	7.02 Bid Opening (Letting)						
	7.03 Award		2	8			
	<i>Subtotal, Section 7</i>	0	2	10	0	0	0
SECTION 8 Construction Support	8.01 Construction Support	To Be Added By Supplemental Agreement					
	<i>Subtotal, Section 8</i>	0	0	0	0	0	0
<i>Subtotal, Detailed Design:</i>		0	78	378	688	0	160
Direct Technical Labor, Final Design:		\$0.00	\$5,892.14	\$24,240.31	\$35,857.18	\$0.00	\$6,624.96

Direct Non-Salary Expense

Preliminary Engineering

1. Topographic and Right-of-Way Survey (Subconsultant - estimated)

TOTAL SURVEY \$ 20,000.00

2. Soil Borings (Subcontractor - estimated)

4 Borings @ \$5,000 each \$ 20,000.00

3. Right-of-Way Incidentals (Subconsultant - estimated)

5.01 Abstract Request Map/Title Search	Assume 1 maps @ \$750 each	\$ 750
5.03 Right-of-Way Mapping	Assume 1 map @ \$1850 each	\$ 1,850
5.07 Property Appraisals	Assume 1 map @ \$1200 each	\$ 1,200
5.08 Appraisal Review	Assume 1 map @ \$750 each	\$ 750
5.09 Negotiations and Acquisition of Prop.	Assume 1 map @ \$7500 each	\$ 7,500

TOTAL RIGHT OF WAY INCIDENTALS \$ 12,050.00

TOTAL DIRECT NON-SALARY COST \$ 52,050

Summary (Preliminary Design)

Item IA, Direct Technical Salaries	\$	64,336
Item II Direct Non-Salary Cost <i>(estimated, subject to audit)</i>	\$	40,000
Item III, Overhead 1.37 <i>(NYSDOT audited rate)</i>	\$	88,141
Item IV, Fixed Fee 12%	\$	18,297
Subtotal, Preliminary Design	\$	210,775

Summary (ROW Incidentals)

Item IA, Direct Technical Salaries	\$	1,743
Item II Direct Non-Salary Cost <i>(estimated, subject to audit)</i>	\$	12,050
Item III, Overhead 1.37 <i>(NYSDOT audited rate)</i>	\$	2,388
Item IV, Fixed Fee 12%	\$	496
Subtotal, ROW Incidentals	\$	16,677

Summary (Final Design)

Item IA, Direct Technical Salaries	\$	72,615
Item II Direct Non-Salary Cost <i>(estimated, subject to audit)</i>	\$	-
Item III, Overhead 1.37 <i>(NYSDOT audited rate)</i>	\$	99,482
Item IV, Fixed Fee 12%	\$	20,652
Subtotal, Final Design Design	\$	192,748

Preliminary Design and Final Design	\$	368,150
Direct Non-Salary Cost	\$	52,050
Maximum Amount Payable	\$	420,200