



Council on  
the Arts



Preservation  
League of NYS



ROBERT DAVID LION GARDINER  
FOUNDATION

## PRESERVE NEW YORK

*A signature grant program of the New York State Council on the Arts (NYSCA) and the Preservation League of New York State, with additional support from The Robert David Lion Gardiner Foundation*

### 2017 APPLICATION FORM

Please complete and electronically submit this form, attachments, and ALL required supporting materials as described in the attached instructions (last page). Applications submitted after **March 27, 2017** will not be accepted. Only one request per group will be accepted for this program. Applicants cannot seek funding from Preserve New York and the New York State Council on the Arts for the same project. State agencies, groups that steward state-owned buildings, NYS-owned sites, religious institutions, and private property owners are ineligible to apply.

For further information, Frances Gubler, Preservation Associate, 518-462-5658 x 10 or fgubler(at)preservenys(dot)org.

1. This application is for support of (check only one):

Historic Structure Report (HSR)      Building Condition Report (BCR)      Cultural Landscape Report (CLR)  
Cultural Resource Survey (CRS)

2. Historic Resource: \_\_\_\_\_ County \_\_\_\_\_

Address: \_\_\_\_\_

Use: \_\_\_\_\_

Date of Construction: \_\_\_\_\_ Landmark Status: \_\_\_\_\_

NYS Assembly District # \_\_\_\_\_ Assembly Member \_\_\_\_\_

NYS Senate District # \_\_\_\_\_ Senator \_\_\_\_\_

US Congressional District # \_\_\_\_\_ Congressperson \_\_\_\_\_

3. Applicant/Owner: \_\_\_\_\_ County \_\_\_\_\_

Address: \_\_\_\_\_

Official Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Project Contact: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone (day): \_\_\_\_\_ (other): \_\_\_\_\_ (e-mail): \_\_\_\_\_

Federal Tax Identification Number (required): \_\_\_\_\_

Applicant status as of March 27, 2017 (check one):      501(c)3 of US IRC      Unit of Local Govt.

Organization/Agency's Current Annual Budget: \$ \_\_\_\_\_

Incorporation Date, for nfp applicants only: \_\_\_\_\_

Do you own your building? \_\_\_\_\_ If "no," please give the length of your lease: \_\_\_\_\_

*\*Please note that the Preservation League can only consider lease agreements for site-specific project requests (HSR, BCR, CLR) that are at least 6 years or longer as of March 27, 2017.*

4. Project Budget \_\_\_\_\_ Grant Request \_\_\_\_\_ Match \_\_\_\_\_  
*The Preservation League requires that the applicant demonstrate at least a 20% cash match toward the total project cost (consultant fees).*
5. Project Consultant \_\_\_\_\_  
 Name: \_\_\_\_\_ Telephone (day): \_\_\_\_\_  
 Address: \_\_\_\_\_ e-mail: \_\_\_\_\_

#### **APPLICANT BACKGROUND**

6. Does the organization or municipal agency have professional staff? Yes (Total # \_\_\_\_ ) No
7. If yes, attach a list of staff members relevant to this project. Indicate their titles, full-time or part-time status, and the number of years with the group. Also enclose a list of the Board of Directors, City/Town/Village Council Members and/or project committee. Indicate their professions.
8. On a separate page, please list the applicant organization's mission statement.
9. If the applicant is a not-for-profit group, indicate the figures for membership as of March 27, 2017: \_\_\_\_\_  
*For cultural institutions:* In the allotted space below, give the 2016 visitation/attendance figures and the 2017 hours/days of operation, explaining as necessary how the applicant meets (or plans to meet) the requirement of being open for 120 days/year:
10. Briefly list recent preservation activities undertaken by the applicant group below (if any):
11. Has the applicant received New York State Council on the Arts (NYSCA) funding in the past?  
 Yes No

Indicate the program, the most recent year(s), and amount(s) and include any General Operating Support (GOS) received:

<u>Program</u>	<u>Year</u>	<u>Amount</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

12. Has the applicant registered/will register for any NYSCA program support by the 2017 deadline? \_\_\_\_ Yes \_\_\_\_ No  
 If yes, indicate program and amount of request:

<u>Program</u>	<u>Amount requested</u>
_____	_____
_____	_____
_____	_____

13. Municipalities only: Is your municipality a Certified Local Government (CLG)?      Yes      No  
If yes, have you received funding from the CLG Program during the past three      Yes      No  
years? Which year(s) and what projects?

If your municipality will apply for CLG funding in 2017 for a project, please describe in the space below:

### THE HISTORIC RESOURCE(S)

14. In the space below, briefly state the property's historic and/or architectural significance. Mention building dates and architects.

15. Describe any threats to the resource(s) in the space below:

16. Were any previous reports/surveys completed for the historic resource(s) of this project?

\_\_\_ Yes \_\_\_ No      If yes, list when, by whom, and the results of this earlier work in the space below:

17. Please provide a brief, **one paragraph** summary of the project below:

18. In a *separate summary letter*, please elaborate on the project by describing how the intended project meets the following evaluation criteria (do not exceed two pages):

- a. Historic Preservation and Project Excellence
  - architectural and historic significance of the building, landscape or area
  - appropriateness of the project budget and consultant(s)
  - likelihood that significant restoration or planning work will result
- b. Fiscal and Managerial Competence
  - applicant's ability to carry out the project within a stated schedule
  - applicant's ability to raise sufficient funds to complete the project
  - how this project fits with the applicant's long-term or strategic plan
- c. Service to the Public
  - arts and cultural public programming
  - public programs meeting a community need
  - local project support

**HISTORIC STRUCTURE REPORT, BUILDING CONDITION REPORT & CULTURAL LANDSCAPE REPORT REQUESTS ONLY:**

*The applicant must own or have a long-term (at least 6 year) lease on the subject property by March 27, 2017.*

19. The scope of work will include the following (check all that apply):

- description of historic development of resource
- analysis of existing conditions
- recommendations for repair/restoration/treatment
- cost estimates
- measured building drawings (plans and elevations)
- sketch building drawings (plans and elevations)
- landscape plans (site plans, planting plans)
- photographs
- other (please describe): \_\_\_\_\_

20. Will the report inform future restoration of the structure/landscape?

\_\_\_\_ Yes    \_\_\_\_ No    \_\_\_\_ Uncertain    If yes, when? \_\_\_\_\_

If "no" or "uncertain," briefly describe what else will need to be accomplished before restoration can begin:

21. Describe the capital fundraising plans for commencing restoration:

**CULTURAL RESOURCE SURVEY REQUESTS ONLY:**

22. Explain how the scope of the survey has been defined (are the survey boundaries geographic, political or thematic?):

23. This project is a:    \_\_\_\_ reconnaissance level survey            \_\_\_\_ intensive level survey

\_\_\_\_ nomination to the State and National Registers of Historic Places

\_\_\_\_ other type: (explain):

24. The estimated number of resources included is:

25. Have you discussed this project with staff of the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP)?    \_\_\_\_ Yes    \_\_\_\_ No    With whom and when?

\_\_\_\_\_

26. Has OPRHP staff conducted a field visit to your project site?    \_\_\_\_ Yes    \_\_\_\_ No

If one is scheduled, what is the date? \_\_\_\_\_

27. Are the resources in an eligible census tract for the New York State Rehabilitation Tax Credit program? Census tract information is online at <https://cris.parks.ny.gov/> or contact the State Historic Preservation Office at 518-237-8643.

Yes            No

## THE PROJECT BUDGET

*The New York State Council on the Arts and the Preservation League expect to see a project budget that reflects the applicant's meaningful commitment to the project. It is also expected that the consultant fee structure reflects the applicant's understanding of the value of these professional services.*

28. On a separate page, please enclose the project budget broken out by sources of income (including your organizational budget) and planned expenses. Lump sum figures are not acceptable.

Income may include both cash support and in-kind donations of labor, materials and services. *Please be advised that the program requires applicants to contribute a 20% cash match of the total project cost.*

Expenses may include consultant labor, in-state travel, telephone, photography, printing, clerical, etc., which are directly related to the project. The grant program will not fund administrative costs on behalf of the applicant.

Please indicate hourly fees/rates or any unit costs of totals shown.

29. As an enclosure, please provide your consultant's scope of work that describes:

- a) tasks to be performed
- b) consultant fees and billing rates
- c) time schedule
- d) what will be included in final product(s) and/or report(s).

30. Other sources of funding (if any) for this project including from your group:

<u>Source</u>	<u>Amount Requested</u>	<u>Date Requested</u>	<u>Status</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

31. Recognizing that full funding of the grant request may not be possible, describe what your group will do if only partial support is provided:

## **INSTRUCTIONS FOR ASSEMBLING THE PRESERVE NEW YORK APPLICATION PACKETS**

Your cooperation with the following guidelines will greatly assist us with the review process.

- *Landmark Status* for the *historic resource* refers to its designation status: National Historic Landmark, National Register, New York State Register, Local Landmark or Local Historic District, National Register-eligible.
- The *official contact* will receive official notification of the funding decision.
- The *project contact* will be contacted for any site visit by League staff. Both contacts may be the same, but neither should be a consultant or grant writer.
- Municipalities, please include a one-page budget summary, with detail for the department relevant to the application. Please do not send a full municipal budget.
- You will need to submit pdf documents of the application materials. Please upload the documents as **text (.PDF) files, not as image files (.JPEG)**. Photographs must be included as separate image files (.JPEG). Review of your application depends on compliance with this submittal procedure. Please see the list below for additional instructions.
- Support letters may be uploaded with the rest of the application materials, or mailed separately to Preservation League of New York State, Attn: Preserve NY, 44 Central Ave, Albany, NY 12206
- Supplemental materials such as brochures and newsletters are optional and can be uploaded online, or mailed in hard copy format to the address above. Please note that we are unable to return application materials, including publications, photographs, and CDs or images.

### **CHECKLIST OF ENCLOSURES**

Please submit the following items “a-g” below as pdf documents, and item “i” as jpeg images using our online uploader. Submit the completed application online using this link:

**<http://www.preservenys.org/pny-application-upload-2017.html>**

- a. A list of professional staff members or municipal staff relevant to this project.
- b. List of Board of Directors, government officials and/or committee members.
- c. The organization’s or agency’s current annual budget and restricted funds. We do not need an entire municipal budget, only that of the particular department seeking funds.
- d. Summary letter – up to two pages signed by the leader of municipality or organization.
- e. For CRS projects ONLY: Please include a map of the proposed survey area and boundaries.
- f. Consultant(s) resume(s) – **no more than two pages**.
- g. Project budget.
- h. Consultant’s scope of work.
- i. No more than **ten** digital images, each titled with the name of the property/properties, showing the overall exterior of the building(s) or site(s) and relevant details, including areas needing repair as appropriate. For cultural resources survey, a typical streetscape is most helpful. For historic structure or historic landscape reports, an overall photo is recommended. **Digital images must be submitted in the form of JPEG files. Please keep image size between 500KB and 1MB.**

**LIST OF PROFESSIONAL STAFF MEMBERS OR**  
**MUNICIPAL STAFF RELEVANT TO THIS PROJECT**

**List of Professional and Municipal Staff Relevant to this Project:**

**Professional Staff: (Responsible for Project Deliverables)**

Lead Consultants:

- Daniel J. DeGennaro, PE – President, DeGennaro Engineering
- Dr. Francis E. Griggs Jr. – Dist M. ASCE

**Municipal Staff: (Responsible for Project Oversight and Grant Management)**

- Anthony Ruggiero - City Administrator
- Susan Tucker – Director of Finance
- Dave Jenkins – Grants Manager



## **LIST OF GOVERNMENT OFFICIALS**

### List of Current Government Officials

#### Mayor and City Council – Current

Name	Title
<u>Randy Casale</u>	Mayor
<u>Peggy Ross</u>	Council – Ward 1
<u>Omar Harper</u>	Council – Ward 2
<u>Pam Wetherbee</u>	Council – Ward 3
<u>Ali Muhammad</u>	Council – Ward 4
<u>George Mansfield</u>	Council – At Large
<u>Lee Kyriacou</u>	Council – At Large

**City Administrator:** Anthony Ruggiero

## **MUNICIPAL BUDGET**

**CITY OF BEACON  
2017  
TENTATIVE BUDGET SUMMARY**

ARTICLE NO. 362 BE IT ORDAINED BY THE COUNCIL OF THE CITY OF BEACON THAT THE FOLLOWING SUM COMPRISING THE ANNUAL APPROPRIATION ORDINANCE FOR THE YEAR 2017 BE AND THE SAME IS HEREBY APPROPRIATED TO MEET THE AMOUNT OF MONEY FOR THE YEAR 2017.

DATE:	October 3, 2016		0% increase	10% increase
		<u>GENERAL</u>	<u>WATER</u>	<u>SEWER</u>
APPROPRIATIONS	19,653,153		3,266,601	3,988,483
TOTAL REVENUE	9,170,954		3,266,601	3,988,483
BALANCE OF APPROPRIATIONS	10,482,199		-	-
ADDITIONAL FUNDING NEEDED (Part of tax levy)				
(Will be fund balance appropriation)				
Appropriated from Debt Reserve				
Appropriated from Fund Balance	(162,980)		-	-
Tax Levy:	10,319,219			
Allowable levy at tax cap	10,319,219			
EXCESS LEVY PER TAX CAP	-			
		HOMESTEAD	NON-HOMESTEAD	TOTALS
Adjusted Tax Levy Distribution		7,285,080	3,034,139	10,319,219
Base Proportion:		70.597200	29.402800	100.00
Rates:	2017 Tax Rates	8.609712	13.169829	
	2016 Tax Rates	8.824090	13.226270	
	Percentage Increase	-2.4295%	-0.4267%	
Assessed Values:				
09/29/16 - TENTATIVE ROLL		846,146,724	230,385,626	1,076,532,350
12/7/15 - FINAL ROLL		817,959,464	224,589,575	1,042,549,039
	Percentage Increase/(Decrease)	3.45%	2.58%	3.26%
	Dollar change	28,187,260	5,796,051	33,983,311

## **SUMMARY LETTER**



## CITY OF BEACON New York

Anthony J. Ruggiero, M.P.A.  
City Administrator

OFFICE OF CITY ADMINISTRATOR

845-838-5000

March 27, 2017

Preservation League of New York State  
44 Central Avenue  
Albany, New York 12206-3002

Re: City of Beacon Preserve NY Grant Application – Summary Letter

Dear Grants Committee,

Please accept this summary letter, which is being submitted by the City of Beacon in coordination with our application for planning funds that would greatly benefit the restoration of the Bridge Street Bridge. Included below is information being submitted in reference to each of the evaluation criteria:

### Historic Preservation and Project Excellence

The subject bridge is a single-span, Whipple-type truss built by the New York Bridge Company in 1879. It connects the south end of the National Register of Historic Places (NR)-listed Groveville Carpet Mill complex with a historic residential neighborhood on the south side of the creek. It incorporates pin-connected wrought iron members in the deck structure, ornate cast iron tracery in the portal braces, a wood plank deck and it still retains its original cast iron builder's plate. Unfortunately, the bridge is currently closed to all but foot traffic.

This bridge may have been built in collaboration with the Village of Matteawan at the behest of Charles M. Wolcott, who owned the adjacent Groveville Carpet Mill, as a means of mill worker access across the creek. Squire Whipple (1804-1888), who lived much of his life in New York, is considered the father of American iron bridge building and was the first to apply mathematics to calculate bridge member stresses. The New York Bridge Company was established in New York City in 1877 by J.D. Hutchinson and J.W. Shipman. Hutchinson was the son of James Hutchinson who built bridges for the Erie Canal including the noted Aldrich Exchange Bridge. The NYBCo. constructed Whipple-patent iron truss and arch bridges as well as "Roebbling" steel wire cable suspension bridges. The Bridge Street Bridge is a rare, surviving, unaltered, 1870s highway bridge, of an unusual proprietary bridge design, designed by a known and important bridge designer, and is expressive of the evolution of 19<sup>th</sup>-century bridge engineering and design. It is also possibly a hybrid material structure containing both wrought iron and steel members.

In preparation for this grant application, the City solicited a proposal from DeGennaro Engineering in coordination with Dr. Francis E. Griggs Jr. ASCE. DeGennaro Engineering has over 25 years of experience in the design of building structures, industrial and water/wastewater treatment facilities. They are expertise in project management and structural design for municipal facilities. Similar



projects in New York which have been completed by DeGennaro Engineering were the reconstruction of the Berlin Iron Bridge, Vischer's Ferry Whipple Bridge, Black River Canal Whipple Bridge, Union College Whipple Bridge and the Shaw Bridge

If funded, it should be understood that the completion of this study will result in the restoration of the Bridge Street Bridge. As cited in the application, the City of Beacon is completely committed to moving forward with a restoration project at a time when the scope of work and cost has been identified.

Fiscal and Managerial Competence:

The City of Beacon is fully prepared to move forward with this project immediately upon award, and will be complete with the project within six months of that date. The project will be led by Anthony Ruggiero (City Administrator), with the assistance of Dave Jenkins (Grant Manager). Fiscal Management will be provided by Susan Tucker (Director of Finance). The City has successfully managed hundreds of grant-funded projects over the years from charitable, local, county, state and federal resources. In fact, the City of Beacon has already secured the required matching funds, and has set them aside at this time.

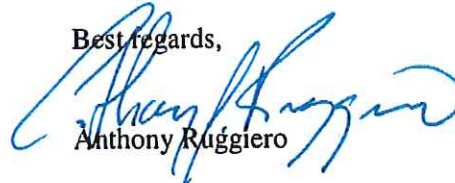
The proposed project seeks to plan for the rehabilitation of the Bridge Street Bridge, which is an important historical resource within the City of Beacon. If awarded, this project will serve to support a paramount goal within Beacon's Comprehensive Plan, to *"Encourage and expand the preservation of historically and culturally significant buildings, landscapes, and neighborhoods."* This project also aligns with goal III of the Mid-Hudson REDC's Strategic Plan. Goal III of the plan focuses upon leveraging "the region's outstanding *natural resources, tourism industry*, and agriculture in a "natural infrastructure" strategy..." In addition, strategy number five of this goal prioritizes the importance of conserving open space, *cultural and heritage sites*, protecting clean water and ecological resources that are in-holdings or buffers to existing state and other parks; and enhancing sub-regional eco-tourism assets and corridors. This project will outline a plan to accomplish an action which is in line with these goals and desires.

Service to the Public:

If awarded, the City will seek to restore the Bridge Street Bridge to a condition where it can be used by the general public, and showcased as a historical resource that everyone can learn from. It would be the only restored 1870's era highway whipple truss bridge within the community, and also provide functional access and egress across the Fishkill Creek. When restored, the City will host a ribbon-cutting event for members of the community to attend, and highlight this historic resource throughout the community. As desired, the City will engage the Beacon Board of Education in a fashion that will ensure that the bridge's design and significance is incorporated within ongoing curriculum. In addition to the City of Beacon's governing body, area residents are fully supportive of this project, and would be thrilled at the prospect of the bridge's full restoration. Beyond the solidified support, no permits will be needed to initiate and complete this project.

Thank you in advance for your consideration of this grant request, and please don't hesitate to contact me directly should you need any further information.

Best regards,

  
Anthony Ruggiero

## **CONSULTANT RESUME**



## Daniel J. DeGennaro, PE

President / Principal Structural Engineer



Dan DeGennaro has over 25 years of experience in the design of building structures, industrial and water/wastewater treatment facilities. His experience includes project management and structural design for educational, commercial, industrial, and municipal facilities. Prior to forming DeGennaro Engineering LLC in 2015, Dan was the Structural Technical Leader for CHA Consulting (formerly Clough Harbour and Associates).

### Education

University at Buffalo  
B.S. Civil Engineering 1992  
SUNY Plattsburgh  
B.S. Business Administration 1987

### Professional Engineer

Registration  
NY, NJ, CT, MA, VT



### Representative Project Experience:

- **Shenendehowa Central School District:** Structural Engineer for several design projects, including:
  - High School Library Addition and Renovation
  - High School and Middle School Roof Replacement
  - Football Stadium Press Box Replacement
- **Albany Maserati Dealership:** Structural Engineer for the design of new 18,000 square foot auto dealership. The building including a steel framed show room with glass curtain wall and shop area constructed with load bearing masonry walls.
- **GE Global Research Center:** Structural Engineer for design of new steel roof-top high temperature pipe rack.
- **Von Roll USA:** Structural Engineer for boiler room addition, including the design new steel platforms supporting mechanical equipment.
- **Charlton Road Retail Center:** Structural Engineer for two new retail building located in Ballston Lake, New York. The building are single story wood framed buildings that utilize wood trusses for the roof framing.
- **Scotia-Glenville Central School District:** Emergency design of structural repairs to the exterior wall of the Glendaal Elementary School.
- **Sharon WWTP Control Building:** Structural Engineer for the design of a single-story wood framed waste water treatment plant control building located in Sharon, MA. The roof of the building was framed with pre-engineered wood trusses.
- **Albany Medical Center:** Structural Engineer for a combined heat and power plant that houses gas turbines and 1000 ton chillers. The structural design included a two-story steel framed structure with precast concrete exterior wall panels and a self-supporting 100-ft tall stack. Responsible for phase II and phase III expansion of plant, including the design of new steel framing for roof top cooling towers and foundations for new gas turbine.
- **Capital District Transportation Agency:** Perform detailed hands on condition assessment of existing precast prestressed parking garage, including providing recommendations for repair of deficient items.
- **Regeneron:** Structural Engineer for multiple clean room projects, including strengthening of existing jib cranes, stainless steel platform modifications and new hoist frames.

## VITAE

**Dr. Francis E. Griggs, Jr.**  
**Dist. M. ASCE**  
**30 Bradt Road**  
**Rexford, N. Y. 12148**

### EDUCATIONAL BACKGROUND:

Bachelor of Civil Engineering 1956 - Rensselaer Polytechnic Institute, Troy, N.Y.  
Option in Soil Mechanics and Foundation Engineering.

Master of Science (Major in Management) 1958 - Rensselaer Polytechnic Institute, Troy, NY.

This program was set up to provide management training to individuals with an engineering background.

Master of Civil Engineering 1964 - Rensselaer Polytechnic Institute, Troy, N.Y.  
Major in Soil-Structure Interaction. (No thesis required)

Doctor of Engineering 1967 - Rensselaer Polytechnic Institute, Troy, N.Y.  
Major in Soil-Structure Interaction. Dissertation topic, "The Pile Problem with Special Emphasis on the Vibratory Placement Technique." Ford Foundation Grant \$10,000.

### PROFESSIONAL EXPERIENCE:

December 2002- Present- Consulting Engineer, specializing in Historic Bridge restoration and documentation.

September 1995- December 2002- Clough, Harbour & Associates, LLP-Albany, NY-  
Director of Quality Assurance and Historic Bridge Programs. Adjunct Professor Union College and Rensselaer Polytechnic Institute.

September 1990 to 1995 -Professor of Civil Engineering and Chair of the Department of Civil Engineering, Merrimack College, N. Andover, MA.

August 1985 - September 1990- Vice President for Academic Affairs and Dean of the College, Professor of Civil Engineering - Merrimack College, North Andover, MA -  
Areas of responsibility included Divisions of Arts and Sciences (including Civil and Electrical Engineering), Business Administration, Continuing Education; Library,

Registrar, Admissions and Financial Aid, Technical Services, MECCA 13 (College Cable Station), Mathematics Resource Center, Writing Center and Urban Institute.

August 1979 - August 1985 - Professor of Civil Engineering and Chairman of the Department, Union College, Schenectady, N.Y., Chairman of the Engineering Division, 1982-84.

June 1970 - August 1979 - President of Merrimack Engineering Services, Andover, MA. Company performed varied engineering services for private clients, municipal and governmental agencies.

September 1965 - August 1979 - Professor of Civil Engineering - Merrimack College, North Andover, MA Chairman of the Civil Engineering Department for 4 years and Chairman of the Division of Engineering (Civil, Electrical and Computer Science) for 6 years.

#### SUMMER AND OTHER INSTITUTES:

Research participation for College Teachers- NSF - 1967 - Texas A&M Research on the placement of piles in loose sands.

NASA-ASEE Systems Design Institutes (Summer Programs):

Langley Research Center, Virginia- 1970 - Transportation Noise Pollution

Marshall Space Flight Center, Alabama - 1973 - Solar Energy

Ames Research Center, California - 1976 - The development of a telescope to detect the existence of planets around other stars.

Dale Carnegie Leadership Institute - 1961 - Willow Grove, PA

Evelyn Wood Reading Dynamics - 1989 - Andover, MA

#### PROFESSIONAL MEMBERSHIPS AND ACTIVITIES:

Distinguished Member ASCE 2011 to Present

Fellow - ASCE-1956 to 2011

Member - NSPE - 1972 to 1990

Member - ASEE - 1965 to 1995

Member - Tau Beta Pi

Member - Chi Epsilon, Chapter Honor Member 1985 RPI

Member - Sigma Chi

Registered Professional Engineer - New York, Massachusetts, New Hampshire

Registered Land Surveyor - Massachusetts



Recipient of the AT&T Foundation award for excellence in the education of engineering students. Awarded by the St. Lawrence, Section ASEE 1985.

Best Paper Award Journal of Educational and Professional Issues, ASCE-1994, 2008, 2010

Best Paper Award Journal of Leadership and Management in Engineering, 2009

Best Paper Award Journal of the Boston Society of Civil Engineers, 2010

Eminent Scholar Speaking tour of Australia, sponsored by the Institution of Engineers Australia--11 Lectures in 8 cities across Australia--Keynote speech at National Meeting in Perth- November and December 1990

#### ASCE Committees

Past Member and Chairman of the National ASCE Committee on Student Services. Faculty Adviser to ASCE Student Chapter at Merrimack and Union Colleges. Member of the National History and Heritage Committee (CHHACE) of ASCE 1983-1993, 2006-2015. Member of (MADEX) - Member Activities Division Executive Committee - 1989 - 1993; Contact Member to (CPI) - The Committee on Professional Involvement- 1989 - 1990; Contact Member to (CEOP) the Committee on Equal Opportunity Programs 1990-1993.

#### COMMUNITY ACTIVITIES:

Town of Andover School Committee 1971-1977, Chairman 1973-1976  
Town of Andover Finance Committee 1986-1989  
Scoutmaster - Troop 79 - Andover, MA 1969-79, 89-90.  
Assistant Scoutmaster - Troop 36 - Alplaus, N.Y. 1979 - 1985  
Assistant Scoutmaster - Troop 79 - Andover, MA; 1865-1869, 1985 - 1989  
Silver Beaver Award---Distinguished Eagle Scout Award  
Member Cardinal Law's Synod 1987-1989

#### PUBLICATIONS/PRESENTATIONS:

Developing Computer Competent Civil Engineers - T. K. Jewell and F. E. Griggs, Jr. - Proceedings of ASEE National Meeting, June 1982

Communications Courses - A Nicety or a Necessity? - F. E. Griggs, Jr. and T. K. Jewell - Proceedings of ASEE National Meeting, Rochester, NY, June 1983

Historic Bridges and Their Builders - Iron and Steel Bridges ASCE National Meeting, San Francisco, October, 1984

A Program to Enhance the Communications Skills of Civil Engineering Students - F. E. Griggs and T. K. Jewell - Challenges to Civil Engineering Educators and Practitioners- Proceedings of the ASCE National Civil Engineering Education Conference - Ohio State University, April 1985, pgs. 154-163

The Next Generation - or - The Civil Engineer - How Many - Who - What? Paper presented to Virginia Section ASCE, October 4, 1985, Lynchburg, VA

A Forerunner in Iron Bridge Construction: An Interview with Squire Whipple -Civil Engineering Practice, Journal of the Boston Society of Civil Engineers Section/ASCE, Fall, 1988, Vol 3, No. 2, pgs. 21-36.

An Interview with Oscar Bray- Past President, ASCE (Video) Distributed by ASCE, 1988

Engineering Communications - F. E. Griggs and David Westerling. People Make the Difference- Proceedings of 1989 Annual Conference - ASEE, Lincoln, Nebraska, June 28-29, 1989, pgs 609-612, Vol. 2

Bridges in History to the Twentieth Century. - Slide tape (Video) show distributed by ASCE, 1989.

An Interview with Russell Stearns- Past President ASCE -(Video) Distributed by ASCE, 1989.

Biographical Dictionary of American Civil Engineers - Vol. II - F. E. Griggs, Jr., Editor - 1991, American Society of Civil Engineers.

Six Munz Ago I Cudn't Even Spel Injuneer, Now I Are One! - Proceedings-Forum of Education and Continuing Professional Development for the Civil Engineer - Setting the Agenda for the 90's and Beyond - Las Vegas, Nevada, April, 1990, Pgs. 934-940.

Squire Whipple's Protracting Trigonometer - Rittenhouse - Journal of the American Scientific Instrument Enterprise, Vol. 4, No. 1, 1990, Pgs. 30-32

The Moseley Iron Arch Bridge: A Study in Rehabilitation Society for Industrial Archeology, New England Chapters, Vol. 10, No. 1, 1990, Pgs. 17-23

The Merrimack College Capstone Design Program - Proceedings of 1990 Annual Conference, ASEE, Technical Advancement Through Canada - US Global Interchange, Toronto, Canada, June 24-29, 1990, Pgs. 1279-1282

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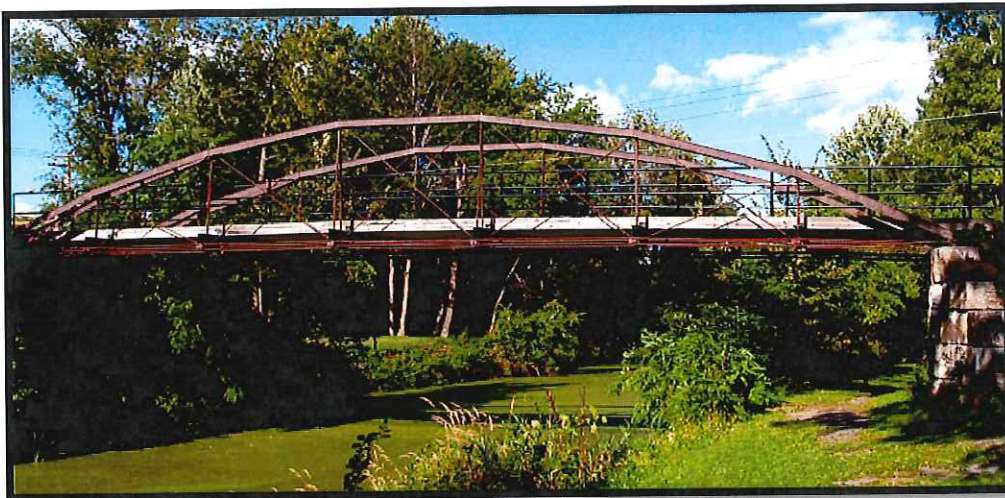
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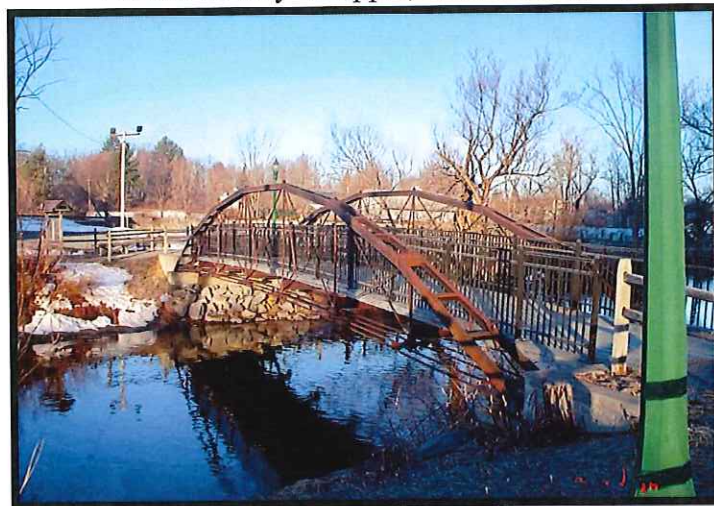




Berlin Iron Bridge Co. Lenticular, Malta, NY



Vischer's Ferry Whipple, Clifton Park, NY



Black River Canal Whipple, Boonville, NY





Whipple, Central Park, Schenectady, NY



Union College Whipple Bridge, Schenectady, NY



Shaw Bridge, Currently in Progress, Grant Rec'd from NY State  
Claverack, NY



## **PROJECT BUDGET**

Preserve NY Budget Detail – City of Beacon		
Budget Category	Income	Expenses
Personnel	Not Applicable	\$0.00
Fringe Benefits	Not Applicable	\$0.00
Travel	Not Applicable	\$70.00
Equipment	Not Applicable	\$0.00
Supplies	Not Applicable	\$0.00
Contractual	Not Applicable	\$10,200.00
Other	Not Applicable	\$0.00
Direct Costs Subtotal	Not Applicable	\$10,270.00
Indirect Costs	Not Applicable	Not Applicable
Total Budget (direct + indirect)	Not Applicable	\$10,270.00

**Preserve NY Budget Summary:**

**Travel:**

1. **Travel:** Consultants will be required to travel roughly 140 total miles to perform services.

- Travel 140 miles @\$ .50/mile= \$70

**Total: \$70.00**

**Contractual:**

Basic Services:

1. **Bridge Inspection:** Consultant will conduct a preliminary visual inspection of the bridge, photo document the bridge and take measurements of all bridge elements.

- Griggs, 16 hours @ \$125/hr. = \$2,000.00
- Assistant, 16 hours @ \$40/hr = \$560.00
- Travel 280 miles @ \$.50/mile = \$140.00

**Total: \$2,700.00**

2. **Structural Analysis:** Consultant will prepare a structural analysis of the bridge using pedestrian loading.

- Dan DeGennaro, \$120/hr not to exceed = \$2,000

**Total: \$2,000.00**

3. **Review of Bridge History:** Consultant will review all available information and structural reports.

- Griggs, 4 hours @\$125/hr.= \$500

**Total: \$500.00**

4. **Development of Building Condition Report:** Consultant will prepare a report describing the existing condition of the bridge and propose a plan to rehabilitate it with a cost estimate.

- Griggs, 32 hours@ \$125/hr = \$4,000

**Total: \$4,000.00**

5. **City Council Presentation:** Consultant will report all findings to the City Council and City Staff.

- Griggs, 8 hours at \$125/hr = \$1,000

**Total: \$1,000.00**

**Total Cost: \$10,270.00**

## **CONSULTANT SCOPE OF WORK**

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Dr. Francis E. Griggs, Jr. Dist. M. ASCE  
30 Bradt Road  
Rexford, NY 12148

March 21, 2017

### **Proposal for Professional Services**

#### **Bridge Street Bridge Fishkill Creek Beacon, NY**

It is assumed for purposes of this proposal that I will make a visual examination of the bridge including the taking of digital photographs; review existing structure reports; prepare measured sketches, measure all member sizes; prepare a structural design using pedestrian loadings; prepare a final report with suggestions of rehabilitation measures and a submit a preliminary cost estimate of this rehabilitation.

In addition, I will appear before appropriate Boards to explain my report and recommendations as required. For purposes of this Proposal one meeting is included.

In this effort I will be assisted by Dan Degenaro, PE and assistants as required.

#### **Basic Services:**

1. Travel to bridge site and conduct a preliminary visual inspection of the bridge, photo document the bridge, take measurements of all bridge elements.

Griggs, 16 hours @ \$125/hr. = \$2,000

Assistant, 16 hours @ \$40/hr = \$560

Travel 280 miles @ \$.50/mile = \$140

2. Prepare Structural Analysis using pedestrian loading (Dan Degenaro)  
\$120/hr not to exceed = \$2,000

3. Review all available information and structural reports.  
4 hours @\$125/hr. = \$500

4. Prepare a report describing the existing condition of the bridge and propose a plan to rehabilitate it with a cost estimate.

32 hours @\$125/hr = \$4,000

5. Present my report to appropriate Boards

8 hours at \$125/hr = \$1,000

Travel 140 miles @ \$.50/mile = \$70

Total (not to exceed) = \$10,270

Resumes of Griggs and Degenaro are attached.

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Dr. Francis E. Griggs, Jr. Dist. M. ASCE  
518-810-2957 Cell

## **PHOTOS**

### **City of Beacon – Project Mission Statement**

The City's mission in relation to this project is to further the goals of its Comprehensive Plan by seeking to "Encourage and expand the preservation of historically and culturally significant buildings, landscapes and neighborhoods."