



CITY OF DANBURY

155 DEER HILL AVENUE
DANBURY, CONNECTICUT 06810

ENGINEERING DIVISION
(203) 797-4641
FAX (203) 796-1586

FARID L. KHOURI, P.E.
CITY ENGINEER

August 21, 2013

Honorable Mark D. Boughton
City Council
City of Danbury
155 Deer Hill Avenue
Danbury, CT 06810

Dear Mayor Boughton and City Council Members:

Crosby Street Bridge
Local Bridge Program Supplemental Application
State Bridge No. 04125
Project No. 04-42

Attached please find the State Local Bridge Program Supplemental Application required for the reconstruction of the above noted bridge. By authorizing the Mayor to execute this document, the City is entitled to receive 31.67% reimbursement from the State based on the total cost of the project. Please note that the Vision 2020 bond, which passed in November 2012, included the remaining funding required to construct this project.

The current estimate for the project (with engineering fees, construction, contingency, etc.) is \$2,066,065. The City share of this total cost is \$1,411,743 and the State's share is \$654,322.

The City has secured all necessary permits from State and Federal sources to construct this bridge. We anticipate bidding this project in December of 2013 and starting construction in March of 2014. We plan to keep the road open for one lane of traffic during construction, which will take approximately nine months (weather permitting).

If you have any questions, please do not hesitate to call me.

Very truly yours,

Farid L. Khouri, P.E.
City Engineer

Encl.

C: Antonio Iadarola, P.E., with encl.
Laszlo L. Pinter, Esq., with encl. (original)
David St. Hilaire, with encl.



**CONNECTICUT DEPARTMENT OF TRANSPORTATION
LOCAL BRIDGE PROGRAM
SUPPLEMENTAL APPLICATION**



C.G.S. SECTIONS 13a-175p through 13a-175u, as Amended by P.A. 13-239

Supplemental Application is hereby made by the Town/City/Borough of Danbury for consideration for funding under the provisions and regulations of the Local Bridge Program for Fiscal Year 2013 for the following structure:

Bridge Number: 04125
 Bridge Location: Crosby Street Over Padanaram Brook
 Span Length (existing/proposed): 49 / feet Width (existing/proposed): 50 /

CT Professional Engineer Responsible for Project Design:

Name: Jeffrey A. Scala
 Firm: Tectonic Engineering and Surveying Consultants, P.C.
 License No.: 17919 Telephone: 860.563.2341 FAX: 860.257.4882
 Street Address: Suite 500, 1344 Silas Deane Highway
 City, State, ZIP: Rocky Hill, CT 06067
 E-Mail: jscala@tectonicengineering.com

Municipal Information:

Name & Title of Official Contact: Farid Khouri, City Engineer
 Street Address: City Hall, 155 Deer Hill Avenue
 City, State, ZIP: Danbury, CT 06810-7726
 Telephone Number: 203.797.4641 FAX: 203.796.1586
 E-Mail: f.khouri@danbury-ct.gov

Project Schedule:

Final Design (Accepted by Municipality)	<u>August 1, 2013</u>
Rights-of-Way (Acquisition Complete)	<u>N/A</u>
Utilities (Coordination Completion)	<u>June 2013</u>
Public Meeting (Conducted)	<u>N/A</u>
Construction Advertising	<u>December 2013</u>
Construction Contract Award	<u>February 2014</u>
Construction Start	<u>March 3, 2014</u>
Construction Complete	<u>March 2015</u>
Audit Submittal	<u>December 5, 2015</u>

LOCAL BRIDGE PROGRAM
SUPPLEMENTAL APPLICATION

Existing Conditions: Attach description of existing conditions, including engineer's evaluation.

Scope of Proposed Project: Attach detailed description of the proposed Project, including Final Plans, Specifications, Detailed Estimates & other pertinent data.

- Check List:
- Plans
 - Specifications
 - Engineer's Final Estimates
 - R.O.W. (if applicable)
 - Utilities (if applicable)
 - Hydraulic Design Report (if applicable)
 - Scour Evaluation Report (if applicable)
 - Municipal Meeting Minutes
 - All Permits Acquired: Local, State, Federal (if applicable)

	<u>Project Cost Data</u>	
	<u>Preliminary</u>	<u>Updated</u>
Preliminary Engineering Fees (Include Breakdown of Fees)	\$ 150,000	\$ 160,000
Rights-of-Way Cost (If Applicable)	\$ 0	\$ 0
Municipal Utility Relocation	\$ 0	\$ 20,000
Estimated Construction Costs (Include Detailed Estimate)	\$1,000,000	\$1,508,852
Construction Engineering/Incidentals (Inspection, Materials Testing)	\$ 150,000	\$ 226,328
Contingencies (10% of Construction Costs Only)	\$ 100,000	\$ 150,885
Total Estimated Project Cost	\$1,400,000	\$2,066,065

Financial Aid Data

Project Grant:

Municipality's allowable grant percentage: 31.67 %

$$\begin{array}{r}
 \$ 2,066,065 \\
 \text{(Total Project Cost)}
 \end{array}
 \times
 \begin{array}{r}
 31.67 \% \\
 \text{(Grant \%)}
 \end{array}
 =
 \$ \begin{array}{r}
 654,322 \\
 \text{(Total Grant Amount)}
 \end{array}$$

LOCAL BRIDGE PROGRAM
SUPPLEMENTAL APPLICATION

CERTIFICATIONS:

I, _____, _____, duly authorized
name title
by the (Town, City, Borough) of _____ as so signified by
the attached authorization, do certify and attest to the following:

1. Approval and acceptance of all plans, specifications and estimates. Any digressions from AASHTO and Connecticut Highway Design Manual guidelines have been made in accordance with Section 13a-86a of the Connecticut General Statutes and documentation has been retained in the project records.
2. That all R.O.W. activities associated with the project have been addressed or will be completed by the start of construction and, by a certified appraiser, that the purchase price of all properties being acquired represents the fair market value of such property.
3. That the Municipality owns or has the responsibility for maintaining the structure for which funding is sought and will be responsible for all future maintenance of the structure.
4. That all public and private utility relocations have been addressed.
5. That the design loading for the structure complies with the requirement of the Regulations for the Local Bridge Program.
6. That all permits required from Federal, State, and local agencies have been obtained, and all applicable permits, regulations and executive orders will be complied with.
7. That this project complies with National Flood Insurance Program requirements and the Municipality's Flood Management ordinance or regulations, if applicable.
8. That the hydraulic design is in conformance with the requirements of the program regulations, and that an appropriate scour evaluation has been performed.
9. That separate accounts have been established specifically for this project and all additions or disbursements will be made therefrom.

Signed _____ Date _____

Title _____

Municipal Seal

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LOCAL BRIDGE PROGRAM
SUPPLEMENTAL APPLICATION

CERTIFICATIONS By a Connecticut Licensed Professional Engineer:

I, Jeffrey A. Scala, do hereby certify:
name

1. That the design loading complies with the requirements of the program regulations.
2. That the completed structure is designed to have at least a 20-year life.
3. That the design reflects the latest AASHTO LRFD Bridge Design Specifications requirements for structures of that type, or previously approved digressions from those standards based upon sound engineering judgment.
4. That the geometric design reflects the latest Connecticut Highway Design Manual requirements, or reasonable digressions from those standards based upon sound engineering judgment.
5. That the hydraulic design is in conformance with the requirements of the program regulations, and that an appropriate scour evaluation has been performed.
6. That any deviations from AASHTO and ConnDOT standards have been authorized by the municipality, do not present an increased risk to the public, and have considered all factors listed in Section 13a-86a of the Connecticut General Statutes.

Signed 
Title Project Manager

Date 17919
Conn. P. E. Registration
(Stamp or Seal)



By a Certified Appraiser: (If Applicable)

I, _____, hereby certify that the appraised property values reflect the current fair market value and are fair and reasonable.

Signed _____ Date _____

Title _____ _____
Certification Number

6.5



RESOLUTION

CITY OF DANBURY, STATE OF CONNECTICUT

_____ A.D. 2013

RESOLVED BY THE CITY COUNCIL OF THE CITY OF DANBURY

Project Description: Rehabilitation of Crosby Street Bridge and Scour Counter Measures

Local Bridge Program – Bridge No. 04125

RESOLVED THAT Mark D. Boughton, Mayor of the City of Danbury, is hereby authorized to sign the Local Bridge Program Supplemental Application on behalf of the City of Danbury for Crosby Street Over Padanaram Brook bridge No. 04125.