Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Village of Croton-on-Hudson
1 Van Wyck Street,
Croton-on-Hudson, N.Y. 10520

ATTN: Bryan T. Healy, Village Manager

July 29, 2026

VIA EMAIL (bhealy@crotononhudson-ny.gov**)**

RE: Half Moon Bay Bridge (BIN 2270050) Rehabilitation
Village of Croton-on-Hudson, Westchester County, NY
Proposal for Professional Services - Additional Scope 3

Dear Mr. Healy:
In accordance with our recent work progress and coordination, Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C. is pleased to submit our proposal for the additional scope of the Half Moon Bay Bridge (BIN 2270050) Rehabilitation project, Village of Croton-on-Hudson, NY.

These services shall be performed for the Village of Croton-on-Hudson, herein referred to as Client.

1.0 SCOPE OF SERVICES

During the detailed design phase, in accordance with the coordination, directions and review comments provided by NYSDOT, additional scopes of work were performed for the project. These additional scopes of work were performed so that the project can be progressed timely to fit in the design deadline of the project per NYSDOT.

Pier Column Repair Design

Per directions during multiple meetings with NYSDOT, design the structural repair for the existing steel pier columns at both piers. Per the latest DOT inspection, there are section losses at the column bases due to corrosion. This task consists of review of inspection report and existing condition, investigations on possible repair methods, structural repair design based on restoring original capacity of the columns and drafting repair details. It requires additional efforts under section 6 detailed design stage.

Load Rating of Steel Substructures – Pier Cap Beams and Pier Columns

Per directions during multiple meetings with NYSDOT, prepare level 1 load rating of the existing steel substructures of the bridge – pier cap beams and pier columns. For the pier cap beams, this task consists of further load calculations for load rating purposes, evaluation of load rating factors, prepare load rating report and address 1 round of future review comments. For the pier columns, this task consists of detailed load calculations from the superstructure, detailed capacity calculations in axial, flexure and P&M interaction, evaluation of load rating factors, prepare load

rating report and address 1 round of future review comments. It requires additional efforts under section 6 detailed design stage.

2.0 FEES AND PAYMENTS

Tectonic will perform the scope and quantity of work outlined in Section 1.0 above, based on the following fees.

Task Description	Estimated Additional Fee
Section 6 Detailed Design	$32,230.00
Estimated Total	$32,230.00

Please have an authorized representative complete and sign the attached Authorization Form to indicate acceptance of this agreement. Please return to Tectonic one signed copy of the completed Authorization Form.

If you have any questions or comments related to this proposal, please do not hesitate to contact the undersigned directly at (860) 563.2341.

Sincerely,

TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS & LAND SURVEYORS, D.P.C.

Prepared by: *Man Hou Sit*

Man Hou (Albert) Sit
Project Manager
Tectonic Engineering

CC: Frank Balbi, P.E., Superintendent of Public Works, Village of Croton-on-Hudson
Jeff Scala, P.E., Senior Vice President, Tectonic Engineering

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WORK AUTHORIZATION AND PROPOSAL ACCEPTANCE FORM

Proposal No: 23-1226 Date: 07/29/2026 Retainer Amount Required: $0.00

Project Name & Location: Half Moon Bay Bridge (BIN 2270050) Rehabilitation, Village of Croton-on-Hudson, Westchester County, NY

Proposed Services: Bridge Design – Additional Scope

Proposal Acceptance

Acceptance (Signature): Date:

Printed Name: Title:

Company or Organization Name:

Client Contact Information (All of the following information about the person responsible for the identified tasks must be provided prior to starting work)

Scheduling Work and Receipt of Deliverables	Name:	Phone:	Email:
	Address:		
Receipt of Invoices (Original)	Name:	Phone:	Email:
	Address:		
Receipt of Invoices (Copies)	Name:	Phone:	Email:
	Address:		
Issuing Payments of Invoices	Name:	Phone:	Email:
	Address:		