

CALHOUN-BURNS AND ASSOCIATES, INC.

BRIDGES ♦ STRUCTURES ♦ TRANSPORTATION

WOODBURY COUNTY
AUDITOR & REGISTERER &
COMM. OF ELECTIONS

Sed

November 1, 2018

2018 NOV 28 AM 8 15

Mark J. Nahra, P.E.
Woodbury County Engineer
759 E. Frontage Road
Merville, IA 51039-8199

RE: WOODBURY COUNTY BRIDGE INSPECTION AND RATING PROGRAM – 2019

Dear Mr. Nahra:

This proposal for bridge inspection and rating services for your 2019 Program is submitted in accordance with your request for professional structural engineering services. You have asked us to reinspect and rate approximately 172 structures in 2019 from the attached list for the Standard Rating and HS-20 or HL-93 Design Trucks. We will complete Program Manager and Team Leader assignments, provide master lists, cost estimating and summary listing per the Iowa DOT and FHWA guidelines and requirements.

We propose to reinspect these 172 structures in 2019 for a fee of \$174.40 per bridge. We will perform any required load rating computations including Group 2 'SHV' trucks and primary load limits, update scour evaluations and complete the fracture critical inspections to justify deficiencies, changes, replacements, repairs, funding, etc., at the following estimated rates:

- Load Rating Computations: \$115.00 Each
- Updated Level A or B Scour Evaluations: \$ 95.00 Each

In addition to the above, we will provide assistance with the implementation of the SIIMS database and any extra work requested at our hourly rates. Any special equipment costs will be charged to the County as a direct expense as we have done in the past.

Please review this proposal and, if it is acceptable, return one signed and dated copy to us. We will do another good job for you and Woodbury County.

Sincerely,

Milton C. Clemenson

Milton C. Clemenson, P.E.
Vice President

ACCEPTED FOR WOODBURY COUNTY:

[Signature]

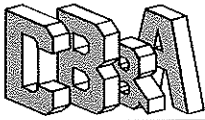
Board of Supervisors, Chair

RECOMMENDED FOR APPROVAL:

[Signature]

Mark J. Nahra, P.E.
Woodbury County Engineer

Date: 11/20/2018



**LIST OF BRIDGES FOR
 WOODBURY COUNTY BRIDGE INSPECTION AND RATING PROGRAM**

The following bridges will be inspected and complete reports submitted:

2019

<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>
A-005	B-180	H-203	K-214	M-116	O-085	W-040
A-006	B-198	H-266	K-254	M-118	O-089	W-053
A-024	B-213	H-276	L-003	M-166	O-093	W-069
A-049	B-249	J-009	L-004	M-184	O-102	W-091
A-058	B-249-1	J-030	L-008	M-185	O-123	W-144
A-063	B-255	J-127	L-027	M-193	O-125	W-148
A-064	B-256	J-144	L-077	M-237	O-181	W-153
A-098	B-257	J-178	L-078	M-243	O-200	W-200
A-113	B-258	J-306	L-92-3	M-299	O-231	X-014
A-158	C-009	J-328	L-103	M-306	O-266	X-047
A-187	C-274	K-019	L-162-1	N-065	P-003	X-065
A-208	C-278	K-020	L-176	N-106	P-006	X-080
A-225	D-004	K-023	L-190	N-119	P-280	X-086
B-001	D-015	K-45-1	L-213	N-191	Q-010	X-116
B-002	D-038	K-103	L-238	N-206	T-053	X-149
B-006	D-042	K-113	L-239	N-209	U-17-3	X-173
B-064	D-193	K-122	L-256	N-249	V-047	X-181
B-073	D-214	K-157	L-273	N-277	V-057	X-188
B-107	D-219	K-157-1	L-316	N-284	V-84-2	X-200-1
B-110	D-254	K-158	L-318	O-013	V-117	X-237
B-114	E-066	K-173	M-006	O-038	V-123	X-271
B-123	E-229-1	K-182	M-017	O-054	V-123-1	X-276
B-127	F-097	K-199-1	M-036	O-055	W-004	
B-139	G-178	K-200	M-064	O-066	W-008	
B-152	H-181	K-203	M-066	O-074	W-009	