

January 27, 2020

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

RE: WOODBURY COUNTY BRIDGE INSPECTION AND RATING PROGRAM – 2020

Dear Mr. Nagra:

This proposal for bridge inspection and rating services for your 2020 Program is submitted in accordance with your request for professional structural engineering services. You have asked us to reinspect and rate approximately 132 structures in 2020 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 132 structures in 2020 for a fee of \$186.68 per bridge. We will perform any required load rating computations including any new rating trucks, 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: \$ 120.00 Each
- Updated Level A or B Scour Evaluations: \$ 100.00 Each
- Fracture Critical Inspections: \$ 800.00 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, P.E.
Vice President

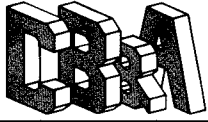
ACCEPTED FOR WOODBURY COUNTY:

Board of Supervisors, Chair

RECOMMENDED FOR APPROVAL:

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

Date: 3/17/2020



CALHOUN-BURNS AND ASSOCIATES, INC.

BRIDGES ♦ STRUCTURES ♦ TRANSPORTATION

WOODBURY COUNTY BRIDGE INSPECTION AND RATING PROGRAM

The following bridges will be inspected and complete reports submitted:

2020

<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>	<u>Bridge No.</u>
A-049	C-246	F-019	J-178	P-283
A-208	C-266	F-103-1	J-306	P-285
A-225	C-274	F-115	K-014-10	Q-014-1
B-064	C-278	F-117	K-019	Q-016
B-110	C-280	G-022-1	K-020	Q-018
B-139	D-015	G-043	K-023	Q-018-1
B-213	D-018	G-058	K-103	Q-050
B-255	D-019	G-084	K-203	Q-052
C-010	D-028	G-089	L-162-1	Q-072
C-027	D-042	G-106	L-238	T-017-1
C-029	D-070	G-127	L-275	T-053
C-043	D-108	G-135-2	M-066	U-012
C-064	D-137	G-146	M-184	U-015
C-080	E-006	G-149	M-299	U-017-1
C-086	E-034	G-151	N-191	U-044
C-092	E-063	G-156	N-206	U-086-2
C-103	E-066	G-168	O-029	U-091
C-113	E-092	G-179	O-074	U-105
C-154	E-093	G-187	O-102	U-137
C-158	E-099	H-029	O-266	U-155
C-174	E-229-1	H-120	P-006	V-117
C-180-1	E-239	H-135	P-027	W-107
C-192	E-245	H-181	P-035	X-009
C-195	E-260	H-203	P-107	X-116
C-213	E-265	H-248	P-191	
C-224	E-308	H-266	P-276	
C-241	F-010	J-009	P-280	

1500 30th Street ♦ West Des Moines, IA 50266

WATS 877/241-8003 ♦ Phone 515/224-4344 ♦ FAX 515-224-1385 ♦ email: email@calhounburns.com