

**CITY OF CASCADE, IOWA
COUNCIL MEETING AGENDA & PUBLIC NOTICE
Monday, October 23, 2023, 6:00 P.M.
CITY HALL, 320 1ST AVE WEST**

NOTICE: Notice is hereby given that the Cascade City Council will hold a meeting at 6:00 PM on Monday, October 23, 2023, at City Hall. Any visually or hearing-impaired person with special accessibility needs should contact the City Clerk at 563-852-3114.

Meetings are live streamed at www.cityofcascade.org and on Local Access Channel 18

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Approve Agenda
5. Public Comment (Limit 3 minutes per person-Agenda Items and Local Government Issues)
6. Consent Agenda – Review and approve the following:
 1. Minutes: City Council 10/9/23, Utility Board 10/11/23
 2. October 23, 2023 Claims
7. Open Public Hearing Library Construction
8. Close Public Hearing
9. Consideration of Resolution #77-23 To Approve Library Construction Plans and Authorize Invitations to Bid
10. Consideration to Approve a Road Closure - Cascade Elementary Trunk or Treat (10-30-23 – Harrison Street SE – 4:45pm to 6:45pm)
11. Consideration of Resolution #79-23 to Approve Beck Plat for Condos on Mulberry Drive
12. Consideration of Resolution #78-23 to Approve 1st Avenue East Crack Sealing Contract Kluesner (\$18,171.47 or \$23,027.44)
13. Consideration of Resolution #81-23 to Accept the 2023 Rural Childcare Planning Grant (\$10,000)
14. Consideration of Resolution #82-23 Personnel Policy -Uniform Allowance
15. Discussion on Bridge Repairs Report
16. Reports – Police Chief, Library Design Committee, City Administrator
17. Public Comment (Limit 3 Minutes per person-only items on this agenda)
18. Adjourn into closed session pursuant to Iowa Code 21.5(1)(i) to evaluate the professional competency of an individual whose appointment, hiring, performance, or discharge is being considered when necessary to prevent needless and irreparable injury to that individual’s reputation and that individual requests a closed session-Public Access Channel Position
19. Return to Open Session for Possible Action
20. Consideration of Resolution #80-23 to Approve Sunset Date of the Public Access Channel and Elimination of the Public Access Channel Part-Time Position
21. Adjournment

October 9, 2023
City Council Meeting Minutes

The October 9, 2023 Regular City Council meeting was called to order at 6:00PM by Mayor Steve Knepper. The Pledge of Allegiance was recited. Delaney, Hosch, Kelchen, Oliphant and Rausch answered roll call.

Motion Kelchen, second Rausch to approve the agenda. All Ayes. Motion carried.

S. McDermott spoke during Public Comment regarding dog park.

Motion Oliphant, second Hosch to approve the consent agenda items: City Council Minutes 9/25/23; Library Board 10/3/23, Board of Adjustment 8/23/23 and 8/30/23. Liquor License: Two Gingers – Annual Renewal; and October 9, 2023 Claims and September 2023 Reports. All Ayes. Motion carried.

Motion Rausch, second Delaney to approve Mayoral Appointments to Planning and Zoning Commission 2023-2026. All Ayes. Motion carried.

Motion Kelchen, second Oliphant to approve Resolution #74-23 Setting a Public Hearing for October 23, 2023 To Approve Library Construction Plans and Authorize Invitations to Bid. Roll Call vote. All Ayes. Motion carried.

Motion Delaney, second Rausch to approve Resolution #73-23 Setting Date for Public Hearing on Designation of the Expanded Cascade Urban Renewal Area and on Urban Renewal Plan Amendment. Roll Call Vote. All Ayes. Motion carried.

Motion Oliphant, second Rausch to approve Resolution #75-23 Approval to Proceed with Dog Park Fencing. Roll Call vote. Four Ayes. Hosch Nay. Motion carried.

Discussion on Health Insurance Agent of Record and Mural Ribbon Cutting November 17th and Swag Items.

Motion Oliphant, second Delaney to approve Resolution #76-23 Contract Amendment for FEH Design for Re-Bid of Library. Roll Call vote. All Ayes. Motion carried.

Chief Heim and Kotter provided additional information and staff updates.

Motion Kelchen, second Oliphant to adjourn at 6:39pm. All Ayes. Motion carried.

Kathy Goerdt, City Clerk

Steven J. Knepper, Mayor

Meeting Minutes October 11, 2023
Cascade Municipal Utilities Board

Chairman Gross called the October 2023 regular meeting of the Cascade Municipal Utilities Board of Trustees to order on Wednesday, October 11, 2023 at 5:15pm. Present were Trustees Barb Gross, Greg VanderLugt, Herb Manternach, Utility Manager Shontele Orr and Team Lead Matt Cooksley.

Motion Manternach, second VanderLugt to approve the meeting agenda. Motion carried 3-0.

There was a discussion about the NERC load shed process.

There was a discussion about next steps for supporting the new library. Motion VanderLugt, 2nd Manternach to provide additional funding support by purchasing the transformer, parking lot lights & having all labor be in-kind from CMU. Motion carried 3-0.

Motion Manternach, second by VanderLugt to approve the September 13, 2023 meeting minutes, September Financial Statements and Fund Balances, and the October bill list & claims for payment. Motion carried 3-0.

Under correspondence the board discussed the September plant summary & metrics and energy efficiency reports. Motion Manternach, second VanderLugt to approve correspondence. Motion carried 3-0.

Manager/Team Lead Report - discussion regarding workload, on call update (adding Joey), truck being scheduled for build, blacktopping.

Motion Manternach, second VanderLugt, to adjourn meeting at 5:42 pm. Motion carried 3-0.

Vendor Name	Check Amount	Vendor Name	Check Amount
ADVANTAGE ADMINS (BUYDOWN)	206.63	I.A.M.U.	660.00
ADVANTAGE ADMINISTRATORS	43.50	IOWA ONE CALL	39.60
AMERICAN PUBLIC GAS ASSOC.	980.78	IPERS	4,130.22
ANTHONY GIBBS	450.00	JEFF GAUL	25.00
AT&T	10.82	MADISON NATIONAL LIFE INS CO	213.88
B&L CONSTRUCTION	3,750.00	MCDERMOTT OIL CO.	1,420.73
BAILEY THURM	102.90	MIDWEST PATCH	450.00
C J COOPER & ASSOCIATES	270.00	MISSION SQUARED	185.00
CASCADE COMMUNICATIONS COMPANY	102.46	MISSION SQUARED	185.00
CASCADE LUMBER CO	71.07	NICHOLAS ASHTON	43.39
CASCADE MUNICIPAL UTILITIES	1,063.71	NICUSA - IOWA DIVISION	948.00
CASCADE MUNICIPAL UTILITIES	360.80	PAYROLL	9,809.41
CHRIS GIBBS	350.00	PAYROLL	9,527.01
CLAYTON ENERGY CORPORATION	23,459.98	SHANE MANTERNACH	20.00
COMELEC INTERNET SERVICES	45.00	SIMECA	119,575.09
EASTERN IOWA EXCAVATING	2,000.00	STUART C IRBY CO	3,392.14
EFTPS	2,792.97	TREASURER STATE OF IOWA	1,115.00
EFTPS	2,689.13	TREASURER STATE OF IOWA	6,150.53
FILAMENT ESSENTIAL SERVICES	1,850.00	VISA	1,502.39
GASSER FARM & HARDWARE LLC	293.13	WELLMARK BC BS OF IOWA	4,268.74
GORDON FLESCH COMPANY	56.00	WESCO RECEIVABLES CORP.	2,487.53
GROEBNER & ASSOCIATES INC	997.83	WOODWARD COMMUNITY MEDIA	545.66
HERB QUINT	350.00		Total 208,991.03

ELECTRIC REVENUE	214,110.75
GAS REVENUE	49,357.98

Secretary, Shontele Orr

Chairman, Barb Gross

CLAIMS REPORT
Check Range: 10/11/2023-10/24/2023

INVOICE#	VENDOR NAME	INVOICE DESCRIPTION	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
12292022	ADVANTAGE ADMINISTRATORS	PSF BUY DOWNS				
28293	AMERICAN LEGAL PUBLISHING	SEPTEMBER 2023 S-2 EDITING		374.00		
2177317828	AT&T	PHONE CHARGES DATE 10/1/2023		35.91		
121403	BARD MATERIALS	SAND STOCK PILE FOR WINTER		1,952.46		
3044	BOGE MECHANICAL SYSTEMS	SERVICE CALL & PEX BALL VALVE		373.50		
85105180	BOUND TREE MEDICAL LLC	IMMOBILIZER HEAD UNIVERSAL	185.98			
85109932	BOUND TREE MEDICAL LLC	SUCTION ADAPTER.AIRWAY KITS	861.97			
85109933	BOUND TREE MEDICAL LLC	CATHETERS & CO2 DETECTOR	52.32	1,100.27		
10202023	CASCADE AUTO WASH	CAR WASH TOKENS		20.00		
874455	CASCADE LUMBER CO	TREATED 4X6 1AT AVE/INDUSTRIAL		39.15		
09234036	CASCADE PIONEER	PUBLICATIONS		239.91		
1939205	CITY LAUNDERING CO	UNIFORMS/SUPPLIES	99.64			
1941495	CITY LAUNDERING CO	UNIFORMS/SUPPLIES	132.37	232.01		
230365	CJ COOPER & ASSOCIATES	ANNUAL ADMIN FEE/CLEARING HOUS		270.00		
IVC000022390	ECIA	INSPECTION: AUGUST 2023 EXPENS		82.50		
28581	GASSER FARM & HARDWARE LLC	COUPLING & OSCILLATOR-POOL		21.98		
IN14396649	GORDON FLESCH COMPANY INC	1/2 PRINTER/COPIER SERVICE		55.99		
1281	GRAVEL GRADING & EXCAV LLC	CAMERA SEWER/PIPE DRAIN		250.00		
2019-19248	gWORKS	ANNUAL LICENSE FEES		4,634.00		
6590075	HAWKINS INC	CHLORINE CYLINDERS		2,181.10		
PR20231006	IPERS	IPERS	3,512.16		14016164	10/20/23
PR20231012	IPERS	IPERS	3,668.60	7,180.76	14016164	10/20/23
PR20231012	IRS W/H	FED/FICA TAX		6,375.86	14016165	10/20/23
2309627-IN	J&R SUPPLY INC	DBL WHITE NEW STRAW		80.00		
10072023	KATHRYN BALSTER	PAVILION REFUND		50.00		
1005	KEPLER PAINTING	MURAL BASE PAINTING		2,385.00		
212135	LYNCH DALLAS P.C.	KERPER VARIANCE	2,937.50			
212136	LYNCH DALLAS P.C.	DOWNTOWN ABATEMENT	596.50	3,534.00		
1584958	MADISON NATL LIFE INS CO, INC	NOVEMBER 2023 PREMIUMS		381.47		
10292023	MAQUOKETA VALLEY COOP	STREET LIGHT LOCATION 54320266		156.02		
236961	MEDICAL ASSOCIATES CLINIC PC	DRUG SCREEN COLLECTION ONLY		26.00		
M0125150	MERCY MEDICAL CENTER	Q3 2023 EMS PHARMACY FEES		225.00		
PR20231012	MISSION SQUARE RETIRE-#303939	ICMA PERCENTAGE		1,229.20	65378	10/20/23
0888637-IN	MUNICIPAL SUPPLY INC	WATER METERS:SMART PT/IPERL		7,043.00		
86308	OPENING SPECIALIST	PARK DOOR	3,449.24			
86323	OPENING SPECIALIST	SHOP DOOR	1,588.80	5,038.04		
433-223172	PARTS AUTHORITY	15 & 22 INCH STRAPS			6973	10/13/23
433-223172	PARTS AUTHORITY	15 & 22 INCH STRAPS		17.06		
0927000-IN	RECREONICS	POOL HEATER		1,707.99		
23-REIFF NOVEMBER	JOE OR PEG REIFF	EMS MONTHLY BUILDING RENT		500.00		
0897-001002690	BFI WASTE SERVICES LLC	RESIDENTIAL RECYCLING GARBAGE		24,873.74		
4300022994	RIVER CITY PAVING	CONTRACT STREET WORK:2ND AVE N	45,889.00			
4300023029	RIVER CITY PAVING	CONTRACT STREET WORK:2ND AVE N	1,100.00	46,989.00		
264576	STATE HYGIENIC LABORATORY	COLIFORM & E COLI TESTING		29.00		
PR20231006	TREAS STATE OF IOWA	STATE TAXES	923.57		14016163	10/20/23
PR20231012	TREAS STATE OF IOWA	STATE TAX	887.76	1,811.33	14016163	10/20/23
51987	TRI-STATE SHRED	SCHREDDING SERVICES		49.95		
INV00155340	USA BLUE BOOK	UNIVERSAL PHASE MONITOR		158.85		
10262023	VISA	CREDIT CARD CHARGES/FEES		1,218.84		
000334248	WATER ENVIRONMENT FEDERAT	MEMBERSHIP FEE		95.00		

CLAIMS REPORT
Check Range: 10/11/2023-10/24/2023

INVOICE#	VENDOR NAME	INVOICE DESCRIPTION	INVOICE AMT	VENDOR TOTAL	CHECK#	CHECK DATE
232850002281	WELLMARK BC/BS OF IA	NOVEMBER 2023 PREMIUMS		9,434.16		
		Accounts Payable Total		<u>132,452.05</u>		
		Invoices: Paid		16,597.15		
		Invoices: Scheduled		115,854.90		

**CLAIMS REPORT
CLAIMS FUND SUMMARY**

FUND	NAME	AMOUNT
001	GENERAL	101,172.06
016	PARTIAL SELF-FUND	
110	ROAD USE TAX	5,971.14
600	WATER	15,988.90
610	SEWER	9,319.95

	TOTAL FUNDS	132,452.05



October 23, 2023 Agenda

To: Mayor, City Council and Staff
From: Lisa Kotter, City Administrator
Date: October 20, 2023
Re: Proceed to Bid Library Project

This meeting will include the second required public hearing to go over the revised final plans for the new Library. Once the hearing is complete the Council may consider accepting the revised final plans and direct the staff to proceed with bidding. If the plans are acceptable to the Council, there is a Resolution to consider. That is included as Resolution #77-23. There is also a list of the changes and anticipated dollars that each item will decrease.

The construction documents are too large to include in the packet so I will do a transfer to you on a site called WE Transfer. We do not want to place these plans online on our website so that a contractor doesn't accidentally take this copy instead of the final official copy that would be available November 3.

The FEH team will be present at this meeting.

The planned timeline, if approved, is as follows:

Bid documents available November 3

Pre-Bid Meeting November 8 at 8:00 a.m.

Bids Due November 30 at 2:00 p.m.

Final Consideration of Contract Approval December 11

RESOLUTION #77-23

RESOLUTION APPROVING AND CONFIRMING PLANS, SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COST FOR THE CASCADE PUBLIC LIBRARY AND TO SOLICIT BIDS FOR THE CONSTRUCTION

WHEREAS, the City Council of the City of Cascade, Iowa, heretofore given preliminary approval to the plans, specifications, form of contract and estimate of cost (the "Contract Documents") for the proposed Cascade Public Library and Community Center (the "Project"), as described in the notice of hearing on the Contract Documents for the Project; and,

WHEREAS, the City accepted the first round of bids in September 2023 and those bids were significantly higher than the cost estimates and therefore the four bids were rejected by the City Council on September 25, 2023; and,

WHEREAS, the City Council has directed staff to have the building plans changed so as to come within the original amount intended to be spent on the project; and,

WHEREAS, a hearing has been held to review the Contract Documents on October 23, 2023.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CASCADE, IOWA, as follows:

Section I. The Contract Documents referred to in the preamble hereof are hereby finally approved, and the plans, specifications, and Cost Estimate approval is hereby confirmed, and the Project, as provided for in the Contract Documents, is necessary and desirable.

Section II. The Advertisement for Bids is approved and attached as Exhibit A.

Section III. The City staff, along with FEH Design team, are directed to solicit bids for this project and return to the City Council with a recommendation at the December 11, 2023 meeting.

PASSED AND APPROVED this 23rd day of October, 2023.

Steve Knepper, Mayor

ATTEST:

Kathy Goerd, City Clerk

Items agreed too		Savings	notes
1	Change from Geothermal to conventional HVAC	Y \$135,000	plan high efficiency Alternate bid
2	Change duct liner to glass fiber	Y \$10,000	
3	Remove the Attic from the project, go to flat roof	Y \$275,000	
	Packaged roof top units above the meeting room, no addition req'd	Y \$40,000	
	Allows reducing the height of the building by 18"	Y \$54,000	depends upon materials
4	Reduce Wood trim, finish carpentry	Y \$16,000	Consider revising to poplar
	Revise exterior windows to aluminum storefront	Y \$15,000	
	Eliminate Exterior Curved Windows and Curved Lintels	Y \$2,500	
5	Eliminate engineered glazing requirement	Y \$20,000	
6	Eliminate the Digital sign exterior sign and base	Y \$50,000	
7	Change shingles from 100% recycled Rubber to Asphalt	Y \$20,000	
8	Eliminate the fireplace limestone above mantel inside & outside	Y \$18,000	
9	Reduce the amount of cut limestone, including the interior bridge	Y \$10,000	
10	Reduce amount of limestone, change to more brick	Y \$45,000	
11	Eliminate the curved glulams at the shade structure	Y \$24,000	go to straight
12	Eliminate stone retaining walls and eliminate children's patio	Y \$26,000	Slope grade to south door
13	Eliminate the curved railing at children's patio	Y \$8,000	
14	Change flagpole to external light and halyard	Y \$2,300	
15	Change fluid applied air barrier to building wrap	Y \$16,000	
16	Reduce the amount of sidewalk, long curved walk	Y \$10,000	
17	Reduce clerestory size by 20%	Y \$12,000	
18	Reduce lighting cost by 5%	Y \$6,000	Consider alternate fixtures
19	Eliminate sound baffles at Adult light fixtures	Y \$8,000	
20	Change continuous foundation insulation to one side	Y \$14,000	Must meet code requirements
21	Eliminate high tower roof	Y \$24,000	Step roofline at corner
22	Solid surface at circ desk instead of quartz	Y \$2,200	
23	Slope structure at low slope roofs to eliminate tapered insulation	Y \$7,040	tapered is \$1.76/BF
24	Increase roof insulation from R30 to R40	Y -\$12,500	
25	Extend Children's bay window area to allow moving door to west, less walk.	Y -\$8,000	more SF & volume
26	Add alarm to the children's area door	Y -\$260	
27	Revised ceiling fan, quantity and manufacturer from 4 to 3	Y \$2,400	
28	Eliminated Fireplace Windows (4), add back the masonry and wall areas	Y \$2,600	
29	Eliminated Piers on west (4)	Y \$7,600	
30	Revised Silo exterior material	Y \$1,900	
31	Eliminated tower curved windows, add back masonry and wall area	Y \$2,800	
32	Eliminated curved lintel elements at entrance	Y \$700	
33	Reduce all sound baffles by and average of 15%	Y \$2,000	
34	Eliminate the trash enclosure masonry wall, 16'x 4' h Install fence	Y \$7,000	
35	Eliminate cost of utilities/temporary water, power & heat during construction	Y \$6,000	make it by Owner, was in soft cost
36	Change raised roof area to a single slope up to the south	Y \$82,000	
37	Eliminate the energy recovery aspects of the HVAC system	Y \$30,000	
38	Eliminate the needs for Johnson HVAC Controls	Y \$48,000	
39	Reduce the quantity of security camera rough-in locations from 24 to 14	Y \$2,000	
40	Expand the size of the mechanical and storage room to the north by 230 SF	Y -\$24,000	
41	Engineering, architecture redesign & rebidding fees	Y -\$37,195	

Subtotal	\$983,085
General Contractor mark-up 6%, general conditions 9%, bond 1%	\$157,294
Potential savings	<u>\$1,140,379</u>

Items staying in the project from committee feedback

1	Eliminate the entire shade structure - alternate bid	ALT	\$36,000	remain as Alternate bid
2	Reduce interior windows by 20%	N	\$15,000	
3	Eliminate the sound Baffle, children's and adult	N	\$12,000	Change baffle type
4	Eliminate the Silo structure	N	\$17,500	Change Exterior material
5	Reduce casework by 10%	N	\$15,000	
6	Eliminate coffee bar	N	\$7,500	Remove Sink
7	Eliminate the Contingency allowance	N	\$75,000	
8	Change to one book drop from 2	N	\$1,500	
9	Eliminate display case	N	\$1,200	
10	Eliminate Final cleaning	N	\$1,500	
11	Requires increasing mechanical room size by 80 SF if roof top units were not selected	N	-\$32,000	

Items that will be Bid as an Alternate

1	Eliminate new parking at the park	ALT	\$39,000	Provided by non-library funding source
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Items that will be paid by Utility Board

1	Light poles		\$17,000	Paid by Utility Board
2	Transformer		-	Paid by Utility Board



October 23, 2023 Agenda

To: Mayor, City Council and Staff
From: Lisa Kotter, City Administrator
Date: October 20, 2023
Re: Road Closure Elementary School

In the packet is an application for a trunk or treat event that the Cascade Elementary school would like to have on Harrison Street SE on Monday, October 30. Since this is a new request, it is to come before the Council. The closure would be for two hours and the event itself is one hour. Staff would advise that the only restriction should be that once the road is closed and cars parked, that no one can leave until the event is done. For example, if someone runs out of candy they cannot leave early.



City of Cascade

320 1st Ave W Cascade, IA 52033
Tel: 563-852-3114 Fax: 563-852-7554
Email: clerk@citycascade.com

FORM FOR A PERMIT TO CLOSE A ROAD TO HOLD A BLOCK PARTY OR SPECIAL EVENT

Date of Application: 10/13/23

Please note: A block party or special event permit cannot be used to close any State Highway, to close any street prior to 7:00 A.M. or past 11:00 P.M., or to close any street for commercial purposes.

Applicant Information:

Applicant Name/Group Name: Cascade Elementary

Main Contact Person: Dan Wendler

Address: 110 Harrison St. SE Telephone No.: 563-663-9443

City: Cascade State: IA Zip Code: 52033

Email Address: dan.wendler@wdbqschools.org

Contacts During Event

Name: Dan Wendler Telephone No: 319-560-8815

Name: _____ Telephone No: _____

Event Location (i.e., State Street from 1100 N. to 1199 N.)

Street: Harrison St. SE From: 2nd Ave. To: 1st Ave.

Street: _____ From: 2nd Ave. To: 1st Ave.

Purpose of Closure: Trunk or Treat event

What is the date of the event: 10/30/23 Start Time: 5:30 pm End Time: 6:30 pm

Times to Set up: 4:45-5:30 pm Clean up: 6:30-6:45 pm

Rain Date/Time: N/A

(flip over)

FORM FOR A PERMIT TO CLOSE A ROAD TO HOLD A BLOCK PARTY OR SPECIAL EVENT Page 2

What type of equipment will be used/placed on City property during the event?

- Sound System
- Platform/Stage
- Cooking Apparatuses
- Other Cars
- Electric Equipment
- Table & chairs
- Tents (Dimensions _____)

- | | Yes | No |
|------------------------------|-------------------------------------|-------------------------------------|
| Barricades Needed? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| All Neighbors Notified? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Request for Police Presence? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If Yes please explain the request for the Police Department: _____

If this is a Run or Walk a map of the entire route must be submitted.

Applicant Signature: D. Wind

Date: 10/13/2023

BELOW FOR OFFICE USE ONLY

Signature of Director of Public Works Date

Signature of Police Chief Date

Signature of City Administrator Date

Copy to Applicant on _____



October 23, 2023 Agenda

To: Mayor, City Council and Staff

From: Lisa Kotter, City Administrator

Date: October 20, 2023

Re: Beck Plat on Mulberry Drive Condos

The Beck Construction and B&L Construction condos on Mulberry Drive are currently located on one parcel. The first person interested in purchasing one of the units has made an offer. The request is to separate them into 6 lots right away. You will recall we changed the zoning code for lot sizes when there are interior condo units. Those with exterior spots must be at least 50 feet wide. The interior two condos must be at least 40 feet wide. All six proposed lots comply with those minimums. The Planning and Zoning Commission on October 19 and is recommending approval of the plat as it is compliant with code.

RESOLUTION #79-23

**A RESOLUTION APPROVING FINAL PLAT OF OAK HILL NO 18
IN THE CITY OF CASCADE, IOWA**

WHEREAS, there has been filed with the City of Cascade, Iowa, a final plat of survey of Oak Hill No. 18 a subdivision consisting of the current Lot 2 of Oak Hill No. 14 (Plat Doc No. 2019-12398) in Dubuque County, the City of Cascade, Iowa, see Exhibit A; and,

WHEREAS, this final plat of survey has been examined by the Planning & Zoning Commission of Cascade, Iowa, and the Commission found the same conforms to the Cascade Zoning Code and recommends approval to the Cascade City Council; and,

WHEREAS, the City Council has examined the final plat of survey and finds the same conforms to the Ordinances relating thereto.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CASCADE, IOWA;

Section I. That the above described final plat for Oak Hill No 18 is hereby approved by the Cascade City Council.

Section II. That the Mayor and City Clerk are hereby authorized and directed to sign the approval of the City of Cascade upon said plat.

PASSED AND APPROVED this 23rd day of October, 2023.

Steven Knepper, Mayor

ATTEST:

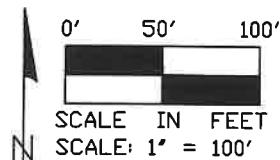
Kathy Goerdt, City Clerk

PREPARED BY: MICHAEL J. WEBER, WEBER SURVEYING, LLC, 26789 46TH AVE, BERNARD, IA 52032, PH(563) 879-4173

Index Legend
 Location: Oak Hill No. 18, Cascade
 Requestor: Mike Beck
 Proprietor: Beck Construction, Inc.
 Surveyor: Michael J. Weber
 Surveyor Company: Weber Surveying, LLC
 & Return To: 26789 46th AVE
 Bernard, IA 52032

FINAL PLAT of OAK HILL NO. 18 in the City of Cascade, Iowa

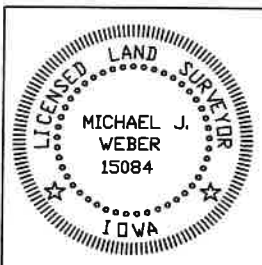
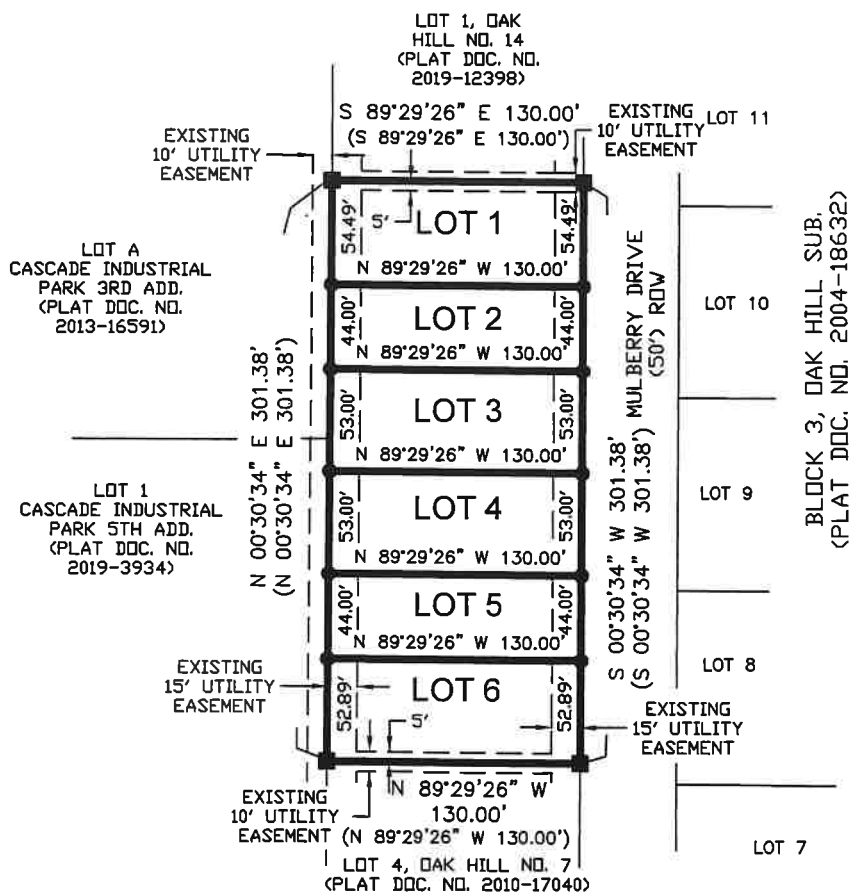
NOTE: OAK HILL NO. 18 IS A SUBDIVISION OF
 LOT 2 OF OAK HILL NO. 14 IN THE CITY OF
 CASCADE, IOWA. (PLAT DOC. NO. 2019-12398)



LOT AREA
LOT 1= 7,083 SF
LOT 2= 5,720 SF
LOT 3= 6,890 SF
LOT 4= 6,890 SF
LOT 5= 5,720 SF
LOT 6= 6,876 SF

- LEGEND**
- FOUND 5/8" STEEL ROD W/ORANGE PLASTIC CAP MARKED "WEBER PLS 15084" UNLESS OTHERWISE NOTED
 - PLACED 5/8" STEEL ROD W/ORANGE PLASTIC CAP MARKED "WEBER PLS 15084"
 - SURVEYED LINE
 - EXISTING PROPERTY LINE
 - EASEMENT LINE
- () RECORDED DIMENSION
 P.O.B. POINT OF BEGINNING
 ROW RIGHT OF WAY
 SF SQUARE FEET
 AC ACRES

NOTES:
 1. ALL LENGTHS ARE IN DECIMAL FEET.
 2. THIS PLAT IS SUBJECT TO RIGHT OF WAY AND EASEMENTS OF RECORD AND NOT OF RECORD.



I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED SURVEY WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

Michael J. Weber September 28, 2023
 MICHAEL J. WEBER (DATE)
 LICENSE NUMBER 15084
 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2023

SHEETS COVERED BY THIS SEAL: SHEET 1 & 2

WEBER SURVEYING, LLC
 26789 46TH AVE
 BERNARD, IA 52032
 PH: (563) 879-4173
 FAX: (563) 879-4199

DRAWN BY: MJW
 SURVEY DATE: 9/28/23
 DWG. 22179

SHEET 1 OF 5

Surveyor's Certificate

I, Michael J. Weber, a Duly Licensed Land Surveyor in the State of Iowa, do hereby certify that the following real estate was surveyed and platted by me, To Wit:

Lot 2 of Oak HILL No. 14 in the City of Cascade, Iowa

This survey was performed for the purpose of subdividing and platting said real estate henceforth to be known as **OAK HILL NO. 18** in the City of Cascade, Iowa, and subject to easements and right of ways of record and not of record, the plat of which is attached and made a part of this certificate. All monuments are placed or will be placed within one year from the date this plat is recorded

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed land surveyor under the laws of the State of Iowa.

BY Michael J. Weber
Michael J. Weber
Licensed Land Surveyor
License No. 15084

September 28, 2023
Date

License Renewal Date: 12/31/23

OWNERS CONSENT

Cascade, Iowa

Sept 28, 2023

The foregoing Final Plat of **OAK HILL NO. 18** in the City of Cascade, Iowa is made with the free consent and in accordance with the desires of the undersigned owners and proprietors.

Beck Construction, Inc.

Mike Beck, President

State of Iowa)
) ss:
County of Dubuque)

On this 28 day of September, AD 2023, before me the undersigned, A Notary Public in and for the State of Iowa, personally appeared Mike Beck to me personally known, who, being by me duly sworn, did say that he is the President of Beck Construction, Inc.; that no seal has been procured by the said corporation that said instrument was signed on behalf of said Corporation by authority of its Board of Directors, and the said Mike Beck, President of Beck Construction, Inc. acknowledged the execution of said instrument to be the voluntary act and deed of said Corporation by it and by him voluntarily executed.



Michael J. Weber
Notary Public in and for the State of Iowa



October 23, 2023 Agenda

To: Mayor, City Council and Staff
From: Lisa Kotter, City Administrator
Date: October 20, 2023
Re: Crack Sealing Contract

A number of years ago the City did crack sealing work on 1st Avenue West to the bridge. It is time to consider work on the east end. We have a quote with two options from Kluesner Construction to do the work yet this Fall. In both cases the work starts on the east side of the bridge and either goes to Fox Street or the Laundromat. The short distance is \$18,171.47 and the longer distance is \$23,027.44. After we complete 3rd Ave SE and 2nd Ave Ne, there will be enough funds left in the Street budget. There is a resolution included that we can add the number the Council chooses if approved.

RESOLUTION #78-23

RESOLUTION AWARDING WORK FOR 1st AVENUE CRACK SEALING

WHEREAS, the City budgeted funds to maintain streets in the FY2024 budget; and,

WHEREAS, the Eastern portion of 1st Avenue is in need of crack sealing to slow the process of asphalt deterioration; and,

WHEREAS, the City has received a quote from Kluesner Construction, Inc. in the amount of \$18,171.47 or \$23,027.44 to complete the section from the bridge, east to Fox Street or Industrial Street, which is attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CASCADE, IOWA, as follows:

Section I. The quote for the crack sealing work with Kluesner Construction for \$18,171.47 or \$23,027.44 is approved for 1st Avenue East from the bridge to Fox Street or Industrial Street.

PASSED AND APPROVED this 23rd day of October, 2023.

Steven Knepper, Mayor

ATTEST:

Kathy Goerdts, City Clerk

PROPOSAL



1007 1st Ave. NW • PO Box 355
Farley, IA 52046
(563) 744-3422 Fax (563) 744-3146
Fed ID # 42-1463491
office@kluesnerconstruction.com

DATE	ESTIMATE #
10/4/2023	23567

NAME / ADDRESS	CELL NUMBER	FAX NUMBER	PHONE NUMBER
CITY OF CASCADE 320 1ST AVE W PO BOX 400 CASCADE, IA 52033		852-7554	852-3114
	LOCATION		

DESCRIPTION	TOTAL
<p>CRACK SEALING OF STREETS</p> <ul style="list-style-type: none"> • ROUT NEW CRACKS AS NEEDED • CLEAN CRACKS WITH COMPRESSED AIR • SEAL CRACKS WITH D-3405 HOT APPLIED RUBBERIZED SEALANT • PREVIOUSLY SEALED CRACKS WILL BE RE-SEALED AS NEEDED <p>1ST AVE EAST FROM BRIDGE TO FOX ST</p> <ul style="list-style-type: none"> • APPROXIMATELY 26,146' <p>1ST AVE EAST FROM FOX ST TO CONCRETE BY LAUNDROMAT</p> <ul style="list-style-type: none"> • APPROXIMATELY 6,987' 	<p>18,171.47</p> <p>4,855.97</p>

WE PROPOSE TO FURNISH MATERIAL AND LABOR - COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS. SIGN: <u>Bruce Braund</u>	TOTAL	\$23,027.44
--	--------------	-------------

PAYMENT DUE UPON COMPLETION OF THE WORK. PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN 30 DAYS. SIGNATURE _____



October 23, 2023 Agenda

To: Mayor, City Council and Staff
From: Lisa Kotter, City Administrator
Date: October 20, 2023
Re: Daycare Planning Grant

The City was successful in receiving a State grant to assist in the creation of a business plan for Aquin Little Angels Daycare. The City received \$10,000 and the required match is \$5,000. The original agreement when the City applied for the grant was that Little Angels would be required to solicit donations or make a contribution to provide the required dollars. In the packet is a Resolution to approve accepting the funding.

RESOLUTION #81-23

**RESOLUTION AUTHORIZING THE ACCEPTANCE OF THE STATE OF IOWA
RURAL CHILD CARE PLANNING GRANT TO ASSIST THE AQUIN LITTLE
ANGELS DAYCARE IN THE CREATION OF A BUSINESS PLAN IN
THE CITY OF CASCADE, IOWA.**

WHEREAS, the City applied to the State of Iowa Rural Child Care Planning Grant program for funding to assist with the creation of a business plan for Aquin Little Angels Daycare; and,

WHEREAS, the State awarded the City of Cascade \$10,000 from this program's funds, see Exhibit A; and

WHEREAS, the Aquin Little Angels Daycare and area businesses will donate funds to generate the additional match of \$5,000 required to receive the grant.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CASCADE, IOWA, THAT:

The City Administrator is authorized to sign and submit all required documentation to receive the 2023 Rural Child Care Planning Grant and complete the work.

Passed, approved and adopted this 23rd day of October, 2023

Steven Knepper, Mayor

ATTEST:

Kathy Goerdts, City Clerk

October 8, 2023

Lisa Kotter
City of Cascade
320 1st Avenue West
Cascade, IA 52033

SUBJECT: 2023 Rural Child Care Planning Grant (24-RCCMS-001)

Dear Ms. Kotter:

Congratulations! I am pleased to inform you the Iowa Economic Development Authority (IEDA) has awarded the City of Cascade a Rural Child Care Planning Grant in an amount not to exceed \$10,000. These funds are to be used for contracting with First Children's Finance to complete the work as stated in the grant application.

If you have any questions, please contact your project manager, Liesl Seibert, at 515.348.6154 or by email at Liesl.Seibert@iowaeda.com.

IEDA looks forward to working with the City of Cascade on its Rural Child Care Planning Grant project. Best wishes to your organization for a successful initiative!

Sincerely,


Debi Durham (Oct 7, 2023 14:23 CDT)

Deborah V. Durham
Director

File: IowaGrants.gov



October 23, 2023 Agenda

To: Mayor, City Council and Staff
From: Lisa Kotter, City Administrator
Date: October 20, 2023
Re: Uniform Allowance

The current uniform policy is below. There are two City Public Works employees that are not wearing the uniforms that we currently provide. Therefore, we have been paying money to City Laundering even though they are not providing a weekly service to half the public works staff. It is understandable that some people are not comfortable in the clothes provided. I would recommend that we give the option to have the uniform provided as below or provide a second option that is an equal dollar amount to the service but allows for purchased clothing. If the option to take money towards your clothing is selected, then the employee is required to turn in receipts for clothing and wash their own clothes. The two employees that are not using the service, currently wash their own clothes. The amount we spend on the service is \$750 per person, per year. This is the amount I would recommend we offer as the alternative choice. We will also be looking at some other uniform companies if any of the employees choose to keep the uniform service if offered the alternative.

This is being brought up now because we were in a long term contract with City Laundering is up for renewal this month. If the City Council is agreeable to the recommended change, there is a resolution to consider.

The four field employees on the Utility side have this option to have clothing costs provided vs a uniform service. This change was made a few years ago for all four and is also working well.

63. UNIFORM POLICY

The employer shall furnish uniforms for all permanent fulltime (non-office) maintenance and utility employees. Uniforms for utility employees shall consist of a 100% cotton fabric. The uniforms shall be provided and maintained through a commercial uniform service on a weekly basis. Uniformed employee shall wear their designated uniform during all scheduled work hours. The City shall provide a uniform allowance for police employees in the annual police department budget. Uniforms shall not be worn when the employee is not on duty.

RESOLUTION #82-23

**A RESOLUTION AUTHORIZING A REVISION TO THE
CITY OF CASCADE & CASCADE MUNICIPAL UTILITIES
EMPLOYEE PERSONNEL POLICY-
UNIFORM ALLOWANCE**

WHEREAS, the City Council of the City of Cascade has a personnel policy which includes uniform allowance; and,

WHEREAS, the policy has been the same for at least the last decade; and,

WHEREAS, the City Council is willing to allow employees to choose to have a uniform provided to them or an annual allowance of \$750 toward the cost of clothing as long as the employee washes their own clothing.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Cascade that the Personnel Policy is amended as follows:

63. UNIFORM POLICY

The employer shall furnish uniforms for all permanent full-time (non-office) maintenance and utility employees. Uniforms for utility employees shall consist of a 100% cotton fabric. The uniforms shall be provided and maintained through a commercial uniform service on a weekly basis. Uniformed employee shall wear their designated uniform during all scheduled work hours. Employees that opt to not wear the provided uniforms, may choose to submit receipts for up to \$750 annually for appropriate workplace clothing. Those employees that opt for the clothing allowance are required to wash their own clothing.

The City shall provide a uniform allowance for police employees in the annual police department budget. Uniforms shall not be worn when the employee is not on duty.

ADOPTED and APPROVED this 23rd day of October, 2023.

Steven Knepper, Mayor

Kathy Goerdt, Clerk



October 23, 2023 Agenda

To: Mayor, City Council and Staff
From: Lisa Kotter, City Administrator
Date: October 20, 2023
Re: Bridge Inspection Report

Every other year we are required by the IDOT to have our bridges inspected. That work is done by Origin, engineers out of Dubuque. It does not appear that we completed the recommended work listed in the 2021 report. I have included the 2023 report in the packet. I will be working to find bridge contractors to give us prices on some of the recommended work that we would need to hire out. For this meeting, it is information only and to gather any questions you might have.

October 10, 2023

Lisa A. Kotter
City Administrator
City of Cascade
P.O. Box 400
Cascade, IA, 52033

RE: **2023 Bridge Re-Inspection Services**
City of Cascade, Iowa
Project No.: 23046

Dear Lisa:

Origin Design. has completed the routine inspections of the three bridges under the jurisdiction of the City of Cascade. The information has been input into the Iowa Department of Transportation's (IDOT) Structure Inventory and Inspection Management System (SIIMS) and the attached reports are included for your records.

We would like to summarize some of our general findings and recommendations. Please refer to the enclosed SIIMS inspection reports for the comprehensive reports formally filed with IDOT. This information is being provided to aid in the maintenance and management of the City's valuable bridge assets.

► **CASCADE 1st Ave**

Inspection Observations

- Spalling concrete at west end of the bridge deck.
- Transverse cracking on the bridge deck over the center pier.
- Cracking with efflorescence on the underside of the bridge deck.
- Ends of concrete beams deteriorating near abutment bearings.
- Spalling concrete with exposed reinforcement at salvaged portions of pier and abutment backwalls, painted in 2020.

Maintenance Recommendations

- Repair deck, pier, and abutment spalls – 15 s.f.
- Inject deck crack over pier with epoxy – 40 l.f.
- Selective patching at ends of beams.

► **CASCADE Monroe St**

Inspection Observations

- Asphaltic overlay over bridge is detrimental to precast concrete quad tee deck units and will accelerate the deterioration of the concrete bridge elements below.
- Embedded bearing plates corroding in precast deck units.
- Vertical cracking observed in both abutment backwalls.
- Spalling concrete with exposed reinforcement at south abutment backwall.

DUBUQUE OFFICE

137 Main Street, Ste. 100
Dubuque, Iowa 52001

origindesign.com

800 556-4491

2023 Bridge Inspection Services

October 10, 2023

Page 2 of 2



- Advanced deterioration of wingwalls including scaling, spalling, and cracking with efflorescence.

Maintenance Recommendations

- Remove asphalt overlay.
- Repair south abutment backwall spalls – 5 s.f.

> CASCADE Tyler St

Inspection Observations

- 4 ft. of silt/mud in north barrel restricting flow to the south barrel.
- Channel flows through south barrel only.
- 2 ft. of scour at outlet of the south barrel.

Maintenance Recommendations

- Clean/remove silt/mud from north barrel.
- Repair scour at outlet.
- Armor outlet with revetment.

We would like to emphasize that all formal inspection documentation has been completed and the information contained in this letter is for the City's reference. Origin Design would be available to meet with you or the City to discuss any of our findings in more detail.

Origin Design appreciates the opportunity to provide our services to the City of Cascade. Please contact our office if we can provide any additional information regarding these inspections or the associated recommendations.

Let's work on tomorrow. **Together.**

Sincerely,

Origin Design Co.

A handwritten signature in black ink that reads "Nathan W. Miller".

Nathan W. Miller, PE

NBIS Bridge Inspection Program Manager/Team Leader

Attachments: (3) SIIMS Inspection Reports

DUBUQUE OFFICE

137 Main Street, Ste 100

Dubuque, Iowa 52001

origindesign.com

800 556-4491



**Office of Bridges and Structures
Bridge Maintenance and Inspection Unit**



Bridge Condition Report

Bridge ID:	CASCADE 1st Ave	NBI (FHWA) Number:	024081
District:	6	Inspection Group:	Origin Design Co.
Inspection Type:	Routine	Inspection Date:	07/21/2023
Location:	000000000	Carrying:	1 ST AVE. W
Approved By:	Miller,Nathan		

IOWA STRUCTURE INVENTORY AND APPRAISAL SHEET

Bridge ID: CASCADE 1st Ave 8 Structure No. 24081 Condition Rating: Fair

Bridge Name: Bridge Condition Index (BCI): 75.3

IDENTIFICATION

City CASCADE 3 County Code 031
 2 State District No. 6 G 0 7 Facility Carried 1 ST AVE. W
 9 Location 000000000 6 Features Intersected N FORK MAQUOKETA RIVER
 98 Border Bridge Code 99 Border Bridge No.
 5 Inventory Route (A,B,C,D,E) % Responsible 0

INSPECTIONS

90 Inspection Date 07/21/2023 Next Routine Inspection Type **Routine**
 91 Insp Frequency 24 months Next Inspection Date
 92 CRITICAL FEATURE INSPECTION

	Y/N	FREQ	93 CFI Date	
A Fracture Critical Detail	N	0		Inspection Agency 5
B Underwater Inspection	N	0		Inspection Group/Consultant
C Other Special Inspection	N	0		Origin Design Co.

AGE AND SERVICE

27 Year Built 1979 106 Year Reconstructed 2000 42 Type of Service 5
 19 Bypass Detour Length 7 Mi. 29 Est Ave Daily Traffic 5495 Speed Limit 25
 100 STRAHNET Highway 0 28 Lanes On 2 Under 0 37 Historical Significance 5
 109 Average Daily Truck Traffic 0 42B Type Under Bridge 5
 30 Year of Average Daily Traffic 2022 104 Highway System of the Inv. Rte. 0

STRUCTURE TYPE AND MATERIAL

44 Approach Span Type Near 0 Far 0 45 No of Spans Main Unit 2 107 Deck Type 1
 43 Main Structure Type A 5 43 Main Structure Type B 02 46 No of Appr Spans
 Near 0 Far 0
 108 Wearing Surface/ Protective System
 A) Type of Wearing Surface 1 B) Type of Membrane 0 C) Deck Protection 1

CONDITION

58 Deck 6 59 Super 6 60 Sub 6 61 Channel 7 62 Culv N

LOAD RATING AND POSTING

31 Design Load 5 64 Operating Rating 1.95 66 Inventory Rating 1.34
 70 Bridge Posting 5 63 Method Used Operating Rating 8
 41 Open, Posted Or Closed A 65 Method Used Inventory Rating 8

GEOMETRIC DATA

112 NBIS Y Deck Area 8654.8 ' 49 Structure Length 154 ' 48 Longest Span 75 '
 34 Skew 0 35 Structure Flared 0 33 Bridge Median 0 52 Deck Width O-O 56.2 '
 10 Inv Rt Min Vert Clear 10ft Lane 99 ' 99 " 51 Br Rdwy Width C-C 41 '
 54 Min Vert UnderClear N 0 ' 0 " 50 Curb or Sidewalk RT 5 ' LT 5 '
 55 Min Lat UnderClear RT N 00 ' 00 " 56 Min Lat UnderClear LT 00 ' 00 "
 32 Appr Rdwy Width (W/Shoulders) 49 ' 53 Min Vert Clear Over Br Rdwy 99 ' 99 "
 47 Inv Rt Total Horiz Clear RT 54 ' 00 " LT ' "

APPRAISAL

67 Struc. Eval 6 69 Underclear, Vert and Horiz N
 68 Deck Geo 5 71 Waterway Adq 6
 72 App Rdwy Align 6 113 Scour Crit Bridges 8
 36 Traffic Safety Features
 36A Bridge Railings 1 36B Transitions N 36C Appr Guardrail N 36D Appr Guardrail Ends N

NAVIGATION DATA

38 Navigation Control 0 40 Navigation Horiz Clear 000 ' 00 " Mile Post
 16 Latitude 42.29918794 17 Longitude -91.01279615 111 Pier or Abut. Prot.
 39 Nav Vert Clearance 00 ' 00 " 26 Functional Classification of Inventory Route 07

CLASSIFICATION

101 Parallel Str Dsgn N 103 Temp Str Dsgn 20 Toll 3
 22Owner 04 21 Maintain Rsp 04 Original Design No. 578
 FRA No. (If RR Bridge) 102 Direction of Traffic 2

Bridge Data Tab New

Bridge Name:	Bridge ID: <u>CASCADE 1st Ave</u>
8. FHWA No. <u>24081</u>	90. Inspection Date: <u>07/21/2023</u>
9. Location: <u>000000000</u>	City: <u>CASCADE</u>
43. Main Structure Type (A): <u>02 - Stringer/Multi-beam or Girder</u>	3. County: <u>031 - Dubuque</u>
43. Main Structure Type (B): <u>5 - Prestressed Concrete</u>	Report Type: <u>Routine</u>
45 No. Spans Main Unit <u>2</u>	Inspector Name: <u>Nathan Miller, Matthew Weimerskirch</u>
Farm to Market:	22. Owner: <u>04 - City or Municipal Highway Agency</u>
Est. Remaining Life: <u>25</u> Yrs.	27. Year Built: <u>1979</u>
	106. Yr. Reconst.: <u>2000</u>
Long.: <u>-91.01279615</u>	29 ADT: <u>5495</u>
Lat.: <u>42.29918794</u>	28. Lanes On: <u>2</u>
Inspection Agency: <u>Origin Design Co.</u>	Scour Critical <u>8 - Stable - Excellent Condition</u>
	41 Open, Posted Or Closed <u>A</u>

LOAD POSTING TABLE

Type	Recommended Tons	Actual Tons	REMARKS
Straight Truck or Gross Weight Limit			
Truck - Semi-trailer			
Truck - Full-trailer			
Emergency Vehicle			
Implement of Husbandry			

SIGNING

Type	Legibility	Visibility	REMARKS
Advanced Posting			<u>None</u>
Posted Loads			<u>None</u>
Narrow			<u>None</u>
One Lane			<u>None</u>
Object Markers			<u>None</u>

APPROACH

	CONDITION RATING	REMARKS
1. Approach Slab	<u>6</u>	<u>Longitudinal cracking.</u>
2. Relief Joints	<u>5</u>	<u>Poured rubber sealant failed.</u>
3. Approach - Guardrail	<u>N</u>	
Embankment	<u>7</u>	
ITEM 72 APPROACH ROADWAY ALIGNMENT	<u>6</u>	

Deck

Bridge ID: CASCADE 1st Ave

NBI 9. Location: 000000000

NBI 8. FHWA No. 24081

DECK ITEM	CONDITION RATING	REMARKS
1. Wearing Surface	6	8" dia x 3/4" spall near south end of deck at centerline.
2. Deck - Structural Condition	6	Cracking on underside of deck along edges. Separation crack developing along outside edge of deck along chamfer (crack sealed 2017). Transverse crack on deck over pier.
3. Curbs	N	
4. Median	N	
5. Sidewalks	6	
6. Railings	6	Components of the chain link fence corroded throughout.
7. Paint	N	
8. Drains	7	Extended below concrete beams.
9. Utility Connections	6	Conduit separated at joint near northeast corner.
10. Joint leakage	6	Ends of beams deteriorating at abutments.
11. Expansion Joints and Devices	6	Rubber gland worn/damaged at both ends.
General Comments		Deck Sealer Applied 2017
		(Remark required for NBI rating of 5 or less)
ITEM 58 DECK CONDITION RATING	6	

Superstructure Tab

Bridge ID: CASCADE 1st Ave

NBI 8. FHWA No. 24081

NBI 9. Location: 00000000

SUPERSTRUCTURE	CONDITION RATING	REMARKS
1. Bearing Devices	5	Sliding beam bearings corroding over abutments.
2. Stringers	N	
Lateral Support ()	N	
3. Girders/Beams	6	Beam ends deteriorating over abutments with corrosion of exposed reinforcing.
Lateral Support ()	6	Concrete diaphragms at mid points.
4. Floor Beams	N	
Lateral Support ()	N	
5. Trusses - General	N	
Portals	N	
Bracing	N	
6. Paint	N	
7. Rivets or Bolts	N	
8. Welds - Cracks	N	
9. Rust	6	Corrosion of exposed reinforcing at beam ends and bearings at both abutments. Bar chairs rust staining along both deck edges below sidewalk.
10. Timber Decay	N	
11. Concrete Cracking	6	Cracking at pier diaphragms and beam ends over abutments.
12. Collision Damage	8	
13. Deflection Under Load	8	
14. Alignment of Members	8	
15. Vibration Under Load	8	

General Comments

(10) prestressed bulb tee beams.

(Remark required for NBI rating of 5 or less)

ITEM 59 SUPERSTRUCTURE
CONDITION RATING

6

Beam ends and bearings deteriorated over abutments.

Substructure Tab

NBI 8. FHWA No. 24081

Bridge ID: CASCADE 1st Ave

NBI 9. Location: 000000000

Substructure	Condition Rating	Remarks
1. Abutments - Caps	7	Cracking and spalling along backwalls behind beam ends.
Wings	7	
Backwall	6	Deteriorated concrete along face of salvaged abutment backwalls with spalling concrete and exposed vertical reinforcing.
Footing	6	Areas of deteriorated concrete along north footing.
Piles	N	
Scour/Erosion	8	
Settlement	8	
2. Piers or Bents - Caps	7	
Columns	7	Spalling with exposed reinforcing and vertical cracking at salvaged portion of pier.
Footings	6	South face of pier footing scaling/worn.
Piles	N	
Scour	7	
Settlement	8	
3. Concrete Cracking	6	Vertical cracking at salvaged pier column, spalling at salvaged abutments.
4. Steel Corrosion	6	Corrosion of exposed reinforcing.
5. Timber Decay	N	
6. Debris on Seats	7	
7. Paint	N	
8. Collision Damage	8	

General Comments

(Remark required for NBI rating of 5 or less)

Item 60 Substructure Condition Rating 6

Concrete deteriorating in portions of salvaged abutments.

Channel Protection Tab

NBI 8. FHWA No. 24081 Bridge ID: CASCADE 1st Ave

NBI 9. Location: 000000000

Channel and Channel Protection	Condition Rating	Remarks
1. Channel Scour	8	Weathered limestone streambed not subject to scour.
2. Embankment Erosion	7	Abutments beyond waterway.
3. Drift	7	
4. Vegetation	8	Channel embankments well vegetated outside bedrock outcroppings
5. Channel Change	8	
6. Fender System	N	
7. Spur Dikes and Jetties	N	
8. Riprap	7	Placed at southwest channel embankment upstream.
9. Adequacy of Opening	8	

General Comments

Item 61 Channel / Channel Protection Condition Rating 7 (Remark required for NBI rating of 5 or less)

Drainage Area square miles

Item 113 Scour Critical Bridges 8

Scour Critical Bridge

Scour Plan of Action (POA) Implemented for Bridges with Item 113 coded 0, 1, 2, or 3 (Upload POA):

Scour Analysis (Upload Analysis PDF): Level A Level B Level C

Bridge with Unknown Foundation

Unknown Foundation Analysis (Upload Analysis PDF): Level A Level B

Unknown Foundation Risk Level:

Plan of Action (POA) Implemented for Unknown Foundation determined to be Moderate or High Risk (Upload POA):

Underwater Inspection Type

Underwater Inspection Type Comment

Pictures

NBI Number: 24081
Facility Carried: 1 ST AVE. W

Bridge ID: CASCADE 1st Ave
Feature(s) Intersected: N FORK MAQUOKETA RIVER



Photo Number: 1

Photo Taken: 07/21/2023

ROAD VIEW LOOKING SOUTH



Photo Number: 2

Photo Taken: 07/21/2023

SIDE VIEW LOOKING WEST

Pictures

NBI Number: 24081
Facility Carried: 1 ST AVE. W

Bridge ID: CASCADE 1st Ave
Feature(s) Intersected: N FORK MAQUOKETA RIVER



Photo Number: 3 Photo Taken: 07/21/2023
DIAGONAL CRACKING WITH EFFLORESCENCE AT SOUTHWEST CORNER UNDERSIDE

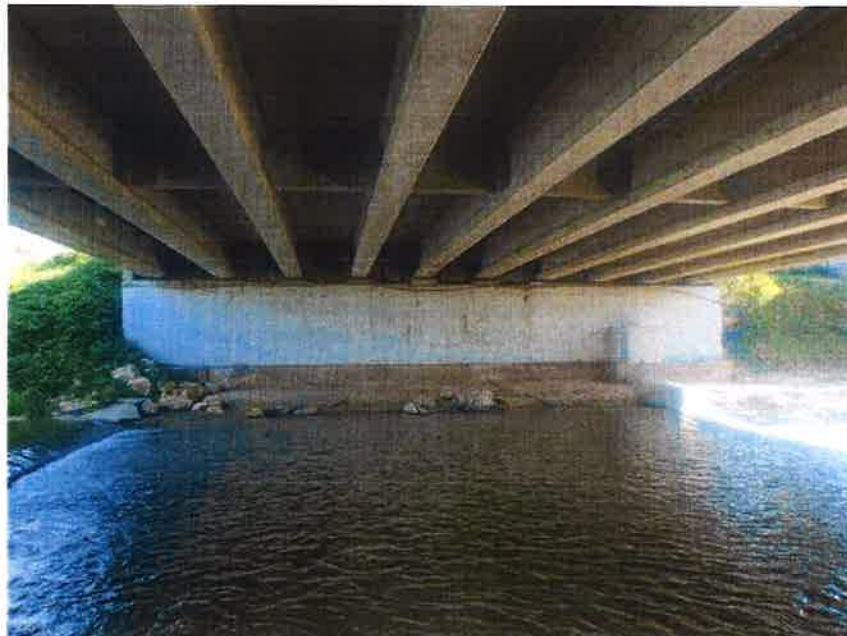


Photo Number: 4 Photo Taken: 07/21/2023
UNDER NORTH SPAN LOOKING NORTH

Pictures

NBI Number: 24081
Facility Carried: 1 ST AVE. W

Bridge ID: CASCADE 1st Ave
Feature(s) Intersected: N FORK MAQUOKETA RIVER



Photo Number: 5

Photo Taken: 07/21/2023

UNDER SOUTH SPAN LOOKING NORTH



Photo Number: 6

Photo Taken: 07/21/2023

SOUTH FACE OF PIER FOOTING SCALING AND WORN

Pictures

NBI Number: 24081
Facility Carried: 1 ST AVE. W

Bridge ID: CASCADE 1st Ave
Feature(s) Intersected: N FORK MAQUOKETA RIVER



Photo Number: 7

Photo Taken: 07/21/2023

SPALLING WITH EXPOSED REINFORCING AT NORTH BACKWALL



Photo Number: 8

Photo Taken: 07/21/2023

SPALLING AND DETERIORATING AT BEAM ENDS OVER PIERS, TYPICAL

Pictures

NBI Number: 24081
Facility Carried: 1 ST AVE. W

Bridge ID: CASCADE 1st Ave
Feature(s) Intersected: N FORK MAQUOKETA RIVER



Photo Number: 9

Photo Taken: 07/21/2023

DECK



**Office of Bridges and Structures
Bridge Maintenance and Inspection Unit**



Bridge Condition Report

Bridge ID:	CASCADE Monroe St	NBI (FHWA) Number:	146030
District:	0	Inspection Group:	ORIGIN DESIGN CO.
Inspection Type:	Routine	Inspection Date:	07/21/2023
Location:	000000000	Carrying:	MONROE ST NE
Approved By:	Miller,Nathan		

IOWA STRUCTURE INVENTORY AND APPRAISAL SHEET

Bridge ID: CASCADE Monroe St 8 Structure No. 146030 Condition Rating: Fair

Bridge Name: Bridge Condition Index (BCI): 58.8

IDENTIFICATION

City CASCADE 3 County Code 031
 2 State District No. 0 G 0 7 Facility Carried MONROE ST NE
 9 Location 000000000 6 Features Intersected CREEK
 98 Border Bridge Code 99 Border Bridge No.
 5 Inventory Route (A,B,C,D,E) 1 5 1 00000 1 % Responsible 0

INSPECTIONS

90 Inspection Date 07/21/2023 Next Routine Inspection Type **Routine**
 91 Insp Frequency 24 months Next Inspection Date
 92 CRITICAL FEATURE INSPECTION

	Y/N	FREQ	93 CFI Date
A Fracture Critical Detail	N	0	Inspection Agency 5
B Underwater Inspection	N	0	Inspection Group/Consultant
C Other Special Inspection	N	0	ORIGIN DESIGN CO.

AGE AND SERVICE

27 Year Built 1929 106 Year Reconstructed 1992 42 Type of Service 1
 19 Bypass Detour Length 3 Mi. 29 Est Ave Daily Traffic 424 Speed Limit 55
 100 STRAHNET Highway 0 28 Lanes On 2 Under 0 37 Historical Significance 3
 109 Average Daily Truck Traffic 0 42B Type Under Bridge 5
 30 Year of Average Daily Traffic 2022 104 Highway System of the Inv. Rte. 0

STRUCTURE TYPE AND MATERIAL

44 Approach Span Type Near 0 Far 0 45 No of Spans Main Unit 1 107 Deck Type 2
 43 Main Structure Type A 5 43 Main Structure Type B 04 46 No of Appr Spans
 Near 0 Far 0
 108 Wearing Surface/ Protective System
 A) Type of Wearing Surface 6 B) Type of Membrane 0 C) Deck Protection 0

CONDITION

58 Deck 6 59 Super 6 60 Sub 5 61 Channel 6 62 Culv N

LOAD RATING AND POSTING

31 Design Load 2 64 Operating Rating 1.45 66 Inventory Rating 1.12
 70 Bridge Posting 5 63 Method Used Operating Rating 8
 41 Open, Posted Or Closed A 65 Method Used Inventory Rating 8

GEOMETRIC DATA

112 NBIS Y Deck Area 504 ' 49 Structure Length 21 ' 48 Longest Span 18 '
 34 Skew 40 35 Structure Flared 0 33 Bridge Median 0 52 Deck Width O-O 24.0 '
 10 Inv Rt Min Vert Clear 10ft Lane 99 ' 99 " 51 Br Rdwy Width C-C 23.5 '
 54 Min Vert UnderClear N 0 " 0 " 50 Curb or Sidewalk RT 0 ' LT 0 '
 55 Min Lat UnderClear RT N 00 " 00 " 56 Min Lat UnderClear LT 00 ' 00 '
 32 Appr Rdwy Width (W/Shoulders) 28 " 53 Min Vert Clear Over Br Rdwy 99 ' 99 '
 47 Inv Rt Total Horiz Clear RT 23 ' 06 " LT ' "

APPRAISAL

67 Struc. Eval 5 69 Underclear, Vert and Horiz N
 68 Deck Geo 4 71 Waterway Adq 6
 72 App Rdwy Align 8 113 Scour Crit Bridges 7
 36 Traffic Safety Features
 36A Bridge Railings 0 36B Transitions 0 36C Appr Guardrail 0 36D Appr Guardrail Ends 0

NAVIGATION DATA

38 Navigation Control 0 40 Navigation Horiz Clear 000 ' 00 " Mile Post
 16 Latitude 42.30590324 17 Longitude -91.00501908 111 Pier or Abut. Prot.
 39 Nav Vert Clearance 00 ' 00 " 26 Functional Classification of Inventory Route 09

CLASSIFICATION

101 Parallel Str Dsgn N 103 Temp Str Dsgn 20 Toll 3
 22Owner 04 21 Maintain Rsp 04 Original Design No. 0
 FRA No. (If RR Bridge) 102 Direction of Traffic 2

Bridge Data Tab New

Bridge Name:	Bridge ID: <u>CASCADE Monroe St</u>
8. FHWA No. <u>146030</u>	90. Inspection Date: <u>07/21/2023</u>
9. Location: <u>000000000</u>	City: <u>CASCADE</u>
43. Main Structure Type (A): <u>04 - Tee Beam</u>	3. County: <u>031 - Dubuque</u>
43. Main Structure Type (B): <u>5 - Prestressed Concrete</u>	Report Type: <u>Routine</u>
45 No. Spans Main Unit <u>1</u>	Inspector Name: <u>Nathan Miller, Matthew Weimerskirch</u>
Farm to Market:	22. Owner: <u>04 - City or Municipal Highway Agency</u>
Est. Remaining Life: <u>20</u> Yrs.	27. Year Built: <u>1929</u>
106. Yr. Reconst.: <u>1992</u>	
Long.: <u>-91.00501908</u>	29 ADT: <u>424</u>
Lat.: <u>42.30590324</u>	28. Lanes On: <u>2</u>
Inspection Agency: <u>ORIGIN DESIGN CO.</u>	Scour Critical <u>7 - Fixed - Not Scour Critical</u>
	41 Open, Posted Or Closed <u>A</u>

LOAD POSTING TABLE

Type	Recommended Tons	Actual Tons	REMARKS
Straight Truck or Gross Weight Limit			
Truck - Semi-trailer			
Truck - Full- trailer			
Emergency Vehicle			
Implement of Husbandry			

SIGNING

Type	Legibility	Visibility	REMARKS
Advanced Posting			<u>None</u>
Posted Loads			<u>None</u>
Narrow			<u>None</u>
One Lane			<u>None</u>
Object Markers	<u>Sign Missing</u>	<u>Sign Missing</u>	<u>Southwest missing</u>

APPROACH

	CONDITION RATING	REMARKS
1. Approach Slab	<u>5</u>	<u>Approach roadway settlement at ends of bridge.</u>
2. Relief Joints	<u>N</u>	
3. Approach - Guardrail	<u>5</u>	<u>Decayed posts and blocking.</u>
Embankment	<u>7</u>	
ITEM 72 APPROACH ROADWAY ALIGNMENT	<u>8</u>	

Deck

Bridge ID: CASCADE Monroe St

NBI 9. Location: 000000000

NBI 8. FHWA No. 146030

DECK ITEM	CONDITION RATING	REMARKS
1. Wearing Surface	5	2" A.C. overlay detrimental to concrete deck, cracked along longitudinal joints.
2. Deck - Structural Condition	6	
3. Curbs	N	
4. Median	N	
5. Sidewalks	N	
6. Railings	5	Concrete posts with thrie-beam rail. Posts cracking and delamination with rust staining.
7. Paint	N	
8. Drains	N	
9. Utility Connections	N	
10. Joint leakage	6	Moisture intrusion along longitudinal joints.
11. Expansion Joints and Devices	5	Covered with a.c.

General Comments

(Remark required for NBI rating of 5 or less)

ITEM 58 DECK CONDITION RATING	6	A.C. overlay detrimental to concrete deck units.
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Superstructure Tab

Bridge ID: CASCADE Monroe St

NBI 8. FHWA No. 146030

NBI 9. Location: 00000000

SUPERSTRUCTURE	CONDITION RATING	REMARKS
1. Bearing Devices	5	Embedded bearing plates corroding throughout.
2. Stringers	N	
Lateral Support ()	N	
3. Girders/Beams	6	(6) Quad tee deck units. Rust staining at longitudinal joints underside.
Lateral Support ()		Weld plates not exposed.
4. Floor Beams	N	
Lateral Support ()	N	
5. Trusses - General	N	
Portals	N	
Bracing	N	
6. Paint	N	
7. Rivets or Bolts	N	
8. Welds - Cracks	6	Weld plates not exposed.
9. Rust	5	Rust staining at weld plates. Corrosion and delamination of embedded bearing plates.
10. Timber Decay	N	
11. Concrete Cracking	7	
12. Collision Damage	8	
13. Deflection Under Load	8	
14. Alignment of Members	8	
15. Vibration Under Load	8	

General Comments (6) Iowa concrete products quad tee deck units.

(Remark required for NBI rating of 5 or less)

ITEM 59 SUPERSTRUCTURE CONDITION RATING 6 Rust staining at weld plates. Corrosion and delamination of embedded bearing plates.

Substructure Tab

NBI 8. FHWA No. 146030

Bridge ID: CASCADE Monroe St

NBI 9. Location: 000000000

Substructure	Condition Rating	Remarks
1. Abutments - Caps	5	Spalling concrete with exposed reinforcing in south backwall under bearings.
Wings	5	Concrete deteriorating at top of wings (typical) horizontal cracking with efflorescence at south wings.
Backwall	5	Vertical cracks in both backwalls.
Footing		Not exposed.
Piles		Not Exposed.
Scour/Erosion	6	Channel flows along north backwall.
Settlement	8	
2. Piers or Bents - Caps	N	
Columns	N	
Footings	N	
Piles	N	
Scour	N	
Settlement	N	
3. Concrete Cracking	5	Vertical cracking at both backwalls.
4. Steel Corrosion	6	Corrosion of exposed reinforcing.
5. Timber Decay	N	
6. Debris on Seats	6	
7. Paint	N	
8. Collision Damage	8	

General Comments

(Remark required for NBI rating of 5 or less)

Item 60 Substructure Condition Rating 5

Spalling concrete with exposed reinforcing in south backwall.

Channel Protection Tab

NBI 8. FHWA No. 146030 Bridge ID: CASCADE Monroe St

NBI 9. Location: 000000000

Channel and Channel Protection	Condition Rating	Remarks
1. Channel Scour	6	
2. Embankment Erosion	6	Channel flows along north backwall and strikes east end of south backwall.
3. Drift	7	
4. Vegetation	7	Channel embankments well vegetated.
5. Channel Change	5	Channel flows along north backwall and strikes east end of south backwall.
6. Fender System	N	
7. Spur Dikes and Jetties	N	
8. Riprap	4	Minimal amount in channel.
9. Adequacy of Opening	7	
General Comments		Vinyl sheeting crosses waterway downstream of bridge.

Item 61 Channel / Channel Protection Condition Rating

(Remark required for NBI rating of 5 or less)

6

Waterway stable, no significant changes from previous inspection.

Drainage Area

square miles

Item 113 Scour Critical Bridges 7

Scour Critical Bridge

Scour Plan of Action (POA) Implemented for Bridges with Item 113 coded 0, 1, 2, or 3 (Upload POA):

Scour Analysis (Upload Analysis PDF): Level A Level B Level C

Bridge with Unknown Foundation

Unknown Foundation Analysis (Upload Analysis PDF): Level A Level B

Unknown Foundation Risk Level:

Plan of Action (POA) Implemented for Unknown Foundation determined to be Moderate or High Risk (Upload POA):

Underwater Inspection Type

Underwater Inspection Type Comment

Pictures

NBI Number: 146030
Facility Carried: MONROE ST NE

Bridge ID: CASCADE Monroe St
Feature(s) Intersected: CREEK



Photo Number: 1

Photo Taken: 07/21/2023

ROAD VIEW LOOKING NORTH

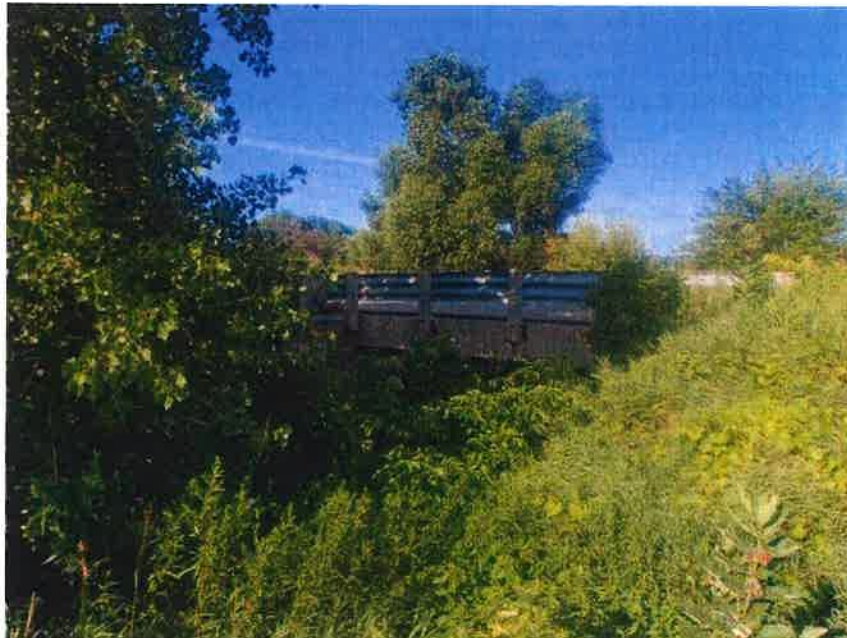


Photo Number: 2

Photo Taken: 07/21/2023

SIDE VIEW LOOKING WEST

Pictures

NBI Number: 146030
Facility Carried: MONROE ST NE

Bridge ID: CASCADE Monroe St
Feature(s) Intersected: CREEK



Photo Number: 3

Photo Taken: 07/21/2023

CHANNEL FLOWS ALONG NORTH BACKWALL



Photo Number: 4

Photo Taken: 07/21/2023

SPALLING CONCRETE WITH EXPOSED REINFORCING AT SOUTH ABUTMENT BACKWALL

Pictures

NBI Number: 146030
Facility Carried: MONROE ST NE

Bridge ID: CASCADE Monroe St
Feature(s) Intersected: CREEK



Photo Number: 5

Photo Taken: 07/21/2023

CORROSION OF EMBEDDED BEARING PLATES AND CONCRETE DELAMINATIONS AT BEAM ENDS, TYPICAL



Photo Number: 6

Photo Taken: 07/21/2023

SPALLING, SCALING, AND CRACKING WITH EXPOSED REINFORCING AT SOUTHWEST WING, SOUTHEAST SIMILAR

Pictures

NBI Number: 146030
Facility Carried: MONROE ST NE

Bridge ID: CASCADE Monroe St
Feature(s) Intersected: CREEK



Photo Number: 7

Photo Taken: 07/21/2023

CONCRETE RAIL POSTS CRACKING AND DELAMINATED WITH RUST STAINING



Photo Number: 8

Photo Taken: 07/21/2023

WEIR CROSSES DOWNSTREAM CHANNEL CAUSING BACKWATER UNDER BRIDGE



**Office of Bridges and Structures
Bridge Maintenance and Inspection Unit**



Bridge Condition Report

Bridge ID:	CASCADE Tyler St	NBI (FHWA) Number:	146016
District:	0	Inspection Group:	Origin Design Co.
Inspection Type:	Routine	Inspection Date:	07/21/2023
Location:	000000000	Carrying:	TYLER ST NE
Approved By:	Miller,Nathan		

IOWA STRUCTURE INVENTORY AND APPRAISAL SHEET

Bridge ID: CASCADE Tyler St 8 Structure No. 146016 Condition Rating: Good

Bridge Name: Bridge Condition Index (BCI): 88.0

IDENTIFICATION

City CASCADE 3 County Code 031
 2 State District No. 0 G 0 7 Facility Carried TYLER ST NE
 9 Location 000000000 6 Features Intersected CREEK
 98 Border Bridge Code 99 Border Bridge No.
 5 Inventory Route (A,B,C,D,E) % Responsible 0

INSPECTIONS

90 Inspection Date 07/21/2023 Next Routine Inspection Type **Routine**
 91 Insp Frequency 24 months Next Inspection Date
 92 CRITICAL FEATURE INSPECTION

	Y/N	FREQ	93 CFI Date	
A Fracture Critical Detail	N	0		Inspection Agency 5
B Underwater Inspection	N	0		Inspection Group/Consultant
C Other Special Inspection	N	0		Origin Design Co.

AGE AND SERVICE

27 Year Built 2005 106 Year Reconstructed 0 42 Type of Service 1
 19 Bypass Detour Length 1 Mi. 29 Est Ave Daily Traffic 509 Speed Limit 25
 100 STRAHNET Highway 0 28 Lanes On 2 Under 0 37 Historical Significance 5
 109 Average Daily Truck Traffic 0 42B Type Under Bridge 5
 30 Year of Average Daily Traffic 2022 104 Highway System of the Inv. Rte. 0

STRUCTURE TYPE AND MATERIAL

44 Approach Span Type Near 0 Far 0 45 No of Spans Main Unit 2 107 Deck Type N
 43 Main Structure Type A 2 43 Main Structure Type B 19 46 No of Appr Spans
 Near 0 Far 0
 108 Wearing Surface/ Protective System
 A) Type of Wearing Surface N B) Type of Membrane N C) Deck Protection N

CONDITION

58 Deck N 59 Super N 60 Sub N 61 Channel 6 62 Culv 7

LOAD RATING AND POSTING

31 Design Load 5 64 Operating Rating 48.6 66 Inventory Rating 36.0
 70 Bridge Posting 5 63 Method Used Operating Rating 0
 41 Open, Posted Or Closed A 65 Method Used Inventory Rating 0

GEOMETRIC DATA

112 NBIS Y Deck Area 0 ' 49 Structure Length 21 ' 48 Longest Span 10 '
 34 Skew 0 35 Structure Flared 0 33 Bridge Median 0 52 Deck Width O-O 0.0 '
 10 Inv Rt Min Vert Clear 10ft Lane 99 ' 99 " 51 Br Rdwy Width C-C 0.0 '
 54 Min Vert UnderClear N 0 ' 0 " 50 Curb or Sidewalk RT 0 ' LT 0 '
 55 Min Lat UnderClear RT N 00 ' 00 " 56 Min Lat UnderClear LT 00 ' 00 "
 32 Appr Rdwy Width (W/Shoulders) 32 ' 53 Min Vert Clear Over Br Rdwy 99 ' 99 "
 47 Inv Rt Total Horiz Clear RT 99 ' 99 " LT ' "

APPRAISAL

67 Struc. Eval 7 69 Underclear, Vert and Horiz N
 68 Deck Geo N 71 Waterway Adq 8
 72 App Rdwy Align 8 113 Scour Crit Bridges 8
 36 Traffic Safety Features
 36A Bridge Railings N 36B Transitions N 36C Appr Guardrail N 36D Appr Guardrail Ends N

NAVIGATION DATA

38 Navigation Control 0 40 Navigation Horiz Clear 000 ' 00 " Mile Post
 16 Latitude 42.30423144 17 Longitude -91.01026185 111 Pier or Abut. Prot.
 39 Nav Vert Clearance 00 ' 00 " 26 Functional Classification of Inventory Route 09

CLASSIFICATION

101 Parallel Str Dsgn N 103 Temp Str Dsgn 20 Toll 3
 22Owner 04 21 Maintain Rsp 04 Original Design No. 0
 FRA No. (If RR Bridge) 102 Direction of Traffic 2

Bridge Data Tab New

Bridge Name:

Bridge ID: CASCADE Tyler St

8. FHWA No. 146016

90. Inspection Date: 07/21/2023

9. Location: 000000000

City: CASCADE

43. Main Structure Type (A): 19 - Culvert (includes frame culverts)

3. County: 031 - Dubuque

43. Main Structure Type (B): 2 - Concrete Continuous

Report Type Routine

45 No. Spans Main Unit 2

Inspector Name: Nathan Miller, Matthew Weimerskirch

Farm to Market:

22. Owner: 04 - City or Municipal Highway Agency

Est. Remaining Life: 25 Yrs. 27. Year Built: 2005

106. Yr. Reconst.: 0

Long.: -91.01026185 29 ADT: 509

Scour Critical 8 - Stable - Excellent Condition

Lat.: 42.30423144 28. Lanes On: 2

41 Open, Posted Or Closed A

Inspection Agency: Origin Design Co.

LOAD POSTING TABLE

Type	Recommended Tons	Actual Tons	REMARKS
Straight Truck or Gross Weight Limit			
Truck - Semi-trailer			
Truck - Full- trailer			
Emergency Vehicle			
Implement of Husbandry			

SIGNING

Type	Legibility	Visibility	REMARKS
Advanced Posting			<u>None</u>
Posted Loads			<u>None</u>
Narrow			<u>None</u>
One Lane			<u>None</u>
Object Markers			<u>None</u>

APPROACH

	CONDITION RATING	REMARKS
1. Approach Slab	<u>N</u>	<u>A.C. roadway.</u>
2. Relief Joints	<u>N</u>	
3. Approach - Guardrail	<u>N</u>	
Embankment	<u>8</u>	
ITEM 72 APPROACH ROADWAY ALIGNMENT		<u>8</u>

Culverts

Bridge ID: CASCADE Tyler St

NBI 8. FHWA No. 146016

NBI 9. Location: 000000000

CULVERTS	CONDITION RATING	REMARKS
1. Barrel - Concrete	7	No noteworthy structural deficiencies.
Steel	N	
Timber	N	
2. Headwall	7	
3. Cut-off Wall	6	24" of curtain wall exposed at south barrel outlet apron.
4. Adequacy	6	Reduced by 4' drift in north barrel.
5. Debris	6	
General Comments	Roadway Carried By +/- 4' Fill.	

(Remark required for NBI rating of 5 or less)

Item 62 Culvert Condition Rating 7

Culvert With No Fill

Channel Protection Tab

NBI 8. FHWA No. 146016 Bridge ID: CASCADE Tyler St

NBI 9. Location: 000000000

Channel and Channel Protection	Condition Rating	Remarks
1. Channel Scour	6	24" scour at south barrel outlet apron.
2. Embankment Erosion	7	
3. Drift	6	4' silt in north barrel.
4. Vegetation	6	Vegetated debris on aprons.
5. Channel Change	6	Channel primarily flows through south barrel.
6. Fender System	N	
7. Spur Dikes and Jetties	N	
8. Riprap	3	None.
9. Adequacy of Opening	7	
General Comments		Remove Drift from North Barrel.

Item 61 Channel / Channel Protection Condition Rating

(Remark required for NBI rating of 5 or less)

6

Drainage Area

square miles

Item 113 Scour Critical Bridges 8

Scour Critical Bridge

Scour Plan of Action (POA) Implemented for Bridges with Item 113 coded 0, 1, 2, or 3 (Upload POA):

Scour Analysis (Upload Analysis PDF): Level A Level B Level C

Bridge with Unknown Foundation

Unknown Foundation Analysis (Upload Analysis PDF): Level A Level B

Unknown Foundation Risk Level:

Plan of Action (POA) Implemented for Unknown Foundation determined to be Moderate or High Risk (Upload POA):

Underwater Inspection Type

Underwater Inspection Type Comment

Pictures

NBI Number: 146016
Facility Carried: TYLER ST NE

Bridge ID: CASCADE Tyler St
Feature(s) Intersected: CREEK



Photo Number: 1

Photo Taken: 07/21/2023

ROAD VIEW LOOKING NORTH



Photo Number: 2

Photo Taken: 07/21/2023

SIDE VIEW LOOKING EAST

Pictures

NBI Number: 146016
Facility Carried: TYLER ST NE

Bridge ID: CASCADE Tyler St
Feature(s) Intersected: CREEK



Photo Number: 3

Photo Taken: 07/21/2023

SOUTH BARREL LOOKING WEST



Photo Number: 4

Photo Taken: 07/21/2023

NORTH BARREL LOOKING EAST

Pictures

NBI Number: 146016
Facility Carried: TYLER ST NE

Bridge ID: CASCADE Tyler St
Feature(s) Intersected: CREEK



Photo Number: 5

Photo Taken: 07/21/2023

24 INCH SCOUR AT SOUTH BARREL OUTLET APRON



October 23, 2023 Agenda

To: Mayor, City Council and Staff

From: Lisa Kotter, City Administrator

Date: October 20, 2023

Re: Public Access Channel

The Personnel Committee met and wants to discuss a recommendation in closed session on the upcoming sunset date for the public access channel. The decision also impacts the part-time position. This is why it will be handled in closed. The Council will first meet and then invite Lee Ann Leytem into the meeting. Any decisions that will be made, will be done in open session. I will prepare a resolution for consideration with dates for after the closed portion.