

ADDENDUM NO. 1

Project Description: Country Ridge Channel Stabilization

Owner: City of Johnston

Bid Date: October 13, 2026

Bid Time: 2:00 PM

Date: September 28, 2026

BMI Project No.: 0A1.134092

City Project No.:

QuestCDN No.: 10356799

1.01 GENERAL:

The following changes are, by the issuance of this Addendum, made a part of the Contract Documents for the project referenced above, as if originally contained therein. Execution of the acknowledgment on the bid form shall be the bidder's acceptance of the conditions set forth herein.

1.02 ACKNOWLEDGMENT:

This addendum shall be acknowledged on the submitted bid form. Failure to do so may result in the rejection of the bid.

1.03 PROJECT MANUAL:

A. Section NOTICE - 1 – NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING

1. **Modify** paragraph SEALED BIDS to read as follows:

Sealed bids will be received by the City Clerk of Johnston, Iowa at her office at Johnston City Hall, 6221 Merle Hay Road, Johnston, IA 50131 before **2:00 pm on Tuesday, October 13, 2026** for the following described public improvement:

2. Modify paragraph Construction of the COUNTRY RIDGE CHANNEL STABILIZATION to read as follows

50 step pool structures, 177 TON of Class E Revetment, 930 Cubic Yards of excavation, tree clearing, erosion control, surface restoration and miscellaneous related work and appurtenances. The work shall be performed at Country Ridge Lane and Wild Flower Court.

B. Section PROPOSAL – 3 – Revised Proposal Schedule

1. Modify Item 13 – Rip Rap, Class E quantity to 177 ton

2. Delete Item 23 – Construction Survey – to be provided by the Owner. See Revised PROPOSAL SCHEDULE

C. Section BID BOND – 1 –

1. Modify paragraph Construction of the COUNTRY RIDGE CHANNEL STABILIZATION to read as follows

50 step pool structures, 177 TON of Class E Revetment, 930 Cubic Yards of excavation, tree clearing, erosion control, surface restoration and miscellaneous related work and appurtenances. The work shall be performed at Country Ridge Lane and Wild Flower Court.

D. Section CONTRACT-2

1. Modify paragraph Construction of the COUNTRY RIDGE CHANNEL STABILIZATION to read as follows

50 step pool structures, 177 TON of Class E Revetment, 930 Cubic Yards of excavation, tree clearing, erosion control, surface restoration and miscellaneous related work and appurtenances. The work shall be performed at Country Ridge Lane and Wild Flower Court.

E. Section PERFORMANCE, PAYMENT, AND MAINTENANCE BOND – 1

1. Modify paragraph Construction of the COUNTRY RIDGE CHANNEL STABILIZATION to read as follows

50 step pool structures, 177 TON of Class E Revetment, 930 Cubic Yards of excavation, tree clearing, erosion control, surface restoration and miscellaneous related work and appurtenances. The work shall be performed at Country Ridge Lane and Wild Flower Court.

F. Section PLAN-1

1. Modify paragraph Construction of the COUNTRY RIDGE CHANNEL STABILIZATION to read as follows

50 step pool structures, 177 TON of Class E Revetment, 930 Cubic Yards of excavation, tree clearing, erosion control, surface restoration and miscellaneous related work and appurtenances. The work shall be performed at Country Ridge Lane and Wild Flower Court.

1.04 **PLAN SET:**

- A. Sheets A.01 and C.02 revised 09/28/2026

1.05 **ATTACHMENTS:**

- A. Revised Notice to Bidders.
- B. Revised Project Manual Sections
 1. NOTICE -1
 2. PROPOSAL – 3
 3. BID BOND -1
 4. CONTRACT – 2
 5. PERFORMANCE, PAYMENT, AND MAINTENANCE BOND -1
 6. PLAN-1
- C. Revised Plan Sheets
 1. A.01
 2. C.02

1.06 **CERTIFICATION:**

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

By: Justin Nickel _____

Justin E. Nickel, P.E.
License No: 18950
Date: December 31, 2027

******END OF ADDENDUM NO. 1******

**NOTICE TO BIDDERS AND
NOTICE OF PUBLIC HEARING**

**COUNTRY RIDGE CHANNEL STABILIZATION
CITY OF JOHNSTON, IOWA**

Sealed bids will be received by the City Clerk of Johnston, Iowa at her office at Johnston City Hall, 6221 Merle Hay Road, Johnston, IA 50131, before 2:00 p.m. on Tuesday, October 13, 2026 for the following described public improvement:

COUNTRY RIDGE CHANNEL STABILIZATION

At the above time and place all bids received by the City will be opened and publicly read with the results being reported to the Johnston City Council at their meeting on Monday, October 19, 2026 at 7:00 p.m. at which time the Council may take action on the proposals submitted or at such time as may then be fixed.

The City Council of Johnston, Iowa, will hold a public hearing on the proposed Plans, Specifications, Form of Contract, and Estimate of Costs for the construction of said improvements at 7:00 p.m. on Monday, October 19, 2026 at the Council Chamber in City Hall, 6221 Merle Hay Road, Johnston, IA 50131. At said hearing, any interested person may appear and file objections thereto or to the cost of the improvements.

The extent of work on this project is the furnishing of all labor, equipment, and materials for the construction of improvements in Johnston generally described as follows:

Construction of the COUNTRY RIDGE CHANNEL STABILIZATION including all materials, labor and equipment necessary for the installation of approximately: **50 of step pool structures, 177 TON of Class E Revetment, 930 Cubic Yards of excavation, tree clearing, erosion control, surface restoration and miscellaneous related work and appurtenances. The work shall be performed at Country Ridge Lane and Wild Flower Court.**

The kinds of materials, estimated quantities, and work to be done for the project on which bids will be received are as shown on the bid proposal for said project.

All work is to be done in strict compliance with the Plans and Specifications prepared by the Engineer and which are now on file for public examination in the office of the City Clerk.

All bids shall be made on a form furnished by the City and shall be filed before the time specified above, in a sealed envelope addressed to the City Clerk of Johnston, Iowa, clearly stating that the envelope contains a bid on this project.

Each bidder shall accompany its bid with bid security as defined in Iowa Code Section 26.8, as security that the successful bidder will enter into a contract for the work bid upon and will furnish after the award of contract a corporate surety bond, in a form acceptable to the City, for the faithful performance of the contract and guaranteeing payment to all persons supplying labor and/or materials in the execution of the work provided for in the contract, in an amount equal to 100% of the amount of the contract. Additionally, the bidder must provide the City with a guarantee of maintenance of said improvement for a period of four (4.0) years from the time of final acceptance by the City. The bidder's security shall be in an amount equal to ten percent

NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING

(10%) of the total amount of the bid and shall be in the form of a cashier's check or a certified check drawn on an FDIC insured bank in Iowa or on an FDIC insured bank chartered under the laws of the United States; or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United States; or a bid bond on the form provided in the contract documents with corporate surety satisfactory to the City. The bid shall contain no condition except as provided in the specifications.

If the bidder fails to execute the contract and to furnish an acceptable performance, payment, and maintenance bond or provide a Certificate of Insurance within ten (10) days after acceptance of the bid by the City, the bid security may be forfeited or cashed by the City as liquidated damages.

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.

In accordance with Iowa statutes, a resident bidder shall be allowed a preference as against a nonresident bidder from a state or foreign country if that state or foreign country gives or requires any preference to bidders from that state or foreign country, including but not limited to any preference to bidders, the imposition of any type of labor force preference, or any other form of preferential treatment to bidders or laborers from that state or foreign country. The preference allowed shall be equal to the preference given or required by the state or foreign country in which the nonresident bidder is a resident. In the instance of a resident labor force preference, a nonresident bidder shall apply the same resident labor force preference to a public improvement in this state as would be required in the construction of a public improvement by the state or foreign country in which the nonresident bidder is a resident.

Failure to submit a fully completed Bidder Status Form with the bid may result in the bid being deemed nonresponsive and rejected.

A sales tax exemption certificate will be available for all material purchased for incorporation in the project.

Work on said project shall commence within ten (10) days of the issuance of a written notice to proceed. The notice to proceed is expected to be issued on October 26, 2027. The project shall be completed as follows:

Substantial Completion Date = April 1, 2027

Final Project Completion Date = May 31, 2027

Liquidated damages in the amount of Seven Hundred Fifty Dollars (\$750.00) per day will be assessed for each day that the work remains uncompleted after the end of the contract period. Payment for the work will be made by the City in cash from such funds as may be legally available including cash on hand, proceeds from the sale and issuance of General Obligation Bonds and such other funds including the proceeds from the sale and issuance of such other bonds as may lawfully be issued as the City Council may at its sole discretion determine and provide.

Payment will be made to the contractor based on monthly estimates in amounts equal to ninety-seven (97%) percent of the contract value of the work completed during the preceding calendar

NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING

month, and will be based upon an estimate prepared by the Contractor on the first day of the month, subject to the approval of the Engineer. Any such payment by the City shall in no way be construed as an act of acceptance for any part of the work partially or totally completed. Final payment by the City will be made in accordance with Iowa statutes and the contract documents.

Bidding forms may be obtained from Bolton & Menk, Inc. at 430 E. Grand Avenue, Suite 101, Des Moines, Iowa 50309 or complete digital project bidding documents are available at www.bolton-menk.com or www.questcdn.com. You may view the digital plan documents for free by entering Quest project # 10356799 on the website's Project Search page. Documents may be downloaded for \$0.00. Please contact QuestCDN.com at 952-233-1632 or info@questcdn.com for assistance in free membership registration, viewing, downloading, and working with this digital project information. Copies of Plans and Specifications and contract documents can be obtained at the same address.

The City reserves the right to reject any and/or all bids and to waive any and/or all technicalities and/or all irregularities.

Cyndee Rhames, City Clerk

Post Notice to Bidders: September 9, 2026

Publish Notice of Public Hearing: October 2, 2026

THE CITY OF JOHNSTON SUPPLEMENTAL SPECIFICATIONS AND
THE 2026 EDITION OF THE "IOWA STATEWIDE URBAN
SPECIFICATIONS FOR PUBLIC IMPROVEMENTS".

ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITHIN THE CONSTRUCTION OF THIS PROJECT.

MIDAMERICAN GAS
CONTACT NAME : JAIME NEER
CONTACT PHONE : 5152526972
CONTACT EMAIL : MECDSMDESIGNLOCATES@MIDAMERICAN.COM

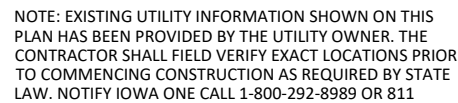
CONTACT NAME : SADIE HULL
CONTACT PHONE : 9185470147
CONTACT EMAIL : SADIE.HULL@LUMEN.COM

JOHNSTON PUBLIC WORKS, CITY OF
CONTACT NAME : MATT GREINER
CONTACT PHONE : 5152780822
CONTACT EMAIL : MGREINER@CITYOFJOHNSTON.COM

MIDAMERICAN ELECTRICAL
CONTACT NAME : JAIME NEER
CONTACT PHONE : 5152526972
CONTACT EMAIL : MECDSMDESIGNLOCATES@MIDAMERICAN.COM

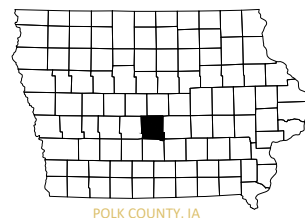
METRO FIBERNET, LLC
CONTACT NAME : KORIE NELLIS
CONTACT PHONE : 8122131050
CONTACT EMAIL : 811DESIGN@METRONET.COM

MEDIACOM
CONTACT NAME : KEVIN COLLINS
CONTACT PHONE : 5152466668
CONTACT EMAIL : KCOLLINS1@MEDIACOMCC.COM

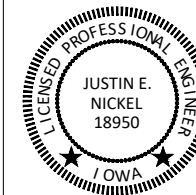


THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D UNLESS OTHERWISE NOTED. THIS UTILITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

September 2026



INDEX OF SHEETS			
SHEET NUMBER	SHEET TITLE	REVISION	ISSUE DATE
A.01	TITLE SHEET	A	09/28/2026
A.02	LEGEND	0	9/8/2026
A.03	OVERALL PROJECT SITE PLAN	0	9/8/2026
B.01	TYPICAL SECTION	0	9/8/2026
B.02	TYPICAL SECTION	0	9/8/2026
B.03	TYPICAL SECTIONS	0	9/8/2026
C.01	GENERAL NOTES	0	9/8/2026
C.02	QUANTITIES & REFERENCE NOTES	A	09/28/2026
D.01	PLAN AND PROFILE	0	9/8/2026
D.02	PLAN AND PROFILE	0	9/8/2026
D.03	PLAN AND PROFILE	0	9/8/2026
D.04	PLAN AND PROFILE	0	9/8/2026
F.01	REMOVALS	0	9/8/2026
G.01	REFERENCES & BENCHMARKS	0	9/8/2026
G.02	ALIGNMENT DATA	0	9/8/2026
H.01	RIGHT-OF-WAY SHEETS	0	9/8/2026
H.02	RIGHT-OF-WAY SHEETS	0	9/8/2026
R.01	EROSION CONTROL	0	9/8/2026
W.01	CROSS SECTIONS	0	9/8/2026
W.02	CROSS SECTIONS	0	9/8/2026
W.03	CROSS SECTIONS	0	9/8/2026
W.04	CROSS SECTIONS	0	9/8/2026
W.05	CROSS SECTIONS	0	9/8/2026
W.06	CROSS SECTIONS	0	9/8/2026
W.07	CROSS SECTIONS	0	9/8/2026



ALL SHEETS



430 E GRAND AVENUE, SUITE 101
DES MOINES, IA 50309
Phone: (515) 259-9190
Email: DesMoines@bolton-menk.com
www.bolton-menk.com

DESIGNED	REV	DESCRIPTION	DATE
JRG	0	ISSUED FOR BID	09/08/2021
DRAWN	A	ADDENDUM NO. 1	09/28/2021
CHECKED			
JEN			
CLIENT PROJ. NO.			
001134092			

CITY OF JOHNSTON
COUNTRY RIDGE STORM WATER
TITLE SHEET

SHEET

A.01 |

© Bolton & Menk, Inc. 2026. All Rights Reserved.
A:\WORKST\CI\JAN04134092\CA01134092.dwg 9/28/2026 1:48:42 PM

ESTIMATED PROJECT QUANTITIES - BASE BID					
ITEM NO.	ITEM CODE	ITEM	UNIT	QUANTITY	AS-BUILT QTY.
1	2010-B	CLEARING AND GRUBBING	AC	1	
2	2010-D-3	TOPSOIL, OFF-SITE	CY	100	
3	2010-E	EXCAVATION, CLASS 13 (UNCLASSIFIED EXCAVATION)	CY	383	
4	2010-E	EXCAVATION, BORROW	CY	782	
5	7010-E	CURB AND GUTTER, 6 INCH STANDARD CURB	LF	40	
6	7030-A-1	REMOVAL OF SIDEWALK	SY	20	
7	7030-B	REMOVAL OF CURB	LF	40	
8	7030-E	SIDEWALK, PCC, 4 INCH	SY	20	
9	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2 - COOL SEASON DITCHES	AC	0.5	
10	9010-A	CONVENTIONAL SEEDING, SEEDING, AND MULCHING, NATIVE GRASS AND FORBS SEEDING	AC	0.5	
11	9040-E	TEMPORARY RECP, 1.A	SY	1200	
12	9040-F-1	WATTLE, WOOD EXCELSIOR, 9 INCH	LF	500	
13	9040-J	RIP RAP, CLASS E	TON	177	
14	9040-O-1	TRACK-OUT CONTROL	SY	200	
15	9040-T-1	INLET PROTECTION DEVICE, DROP-IN	EA	2	
16	9040-999-A	HEADWATER CHANNEL MATRIX RESTORATION, TYPE A	CY	80	
17	9040-999-A	HEADWATER CHANNEL MATRIX RESTORATION, TYPE B	CY	50	
18	9040-999-A	HEADWATER CHANNEL MATRIX RESTORATION, TYPE C	CY	170	
19	9040-999-A	ANCHOR LOG, > 12 INCH DIAMETER	EA	9	
20	9040-999-A	ANCHOR LOG, > 18 INCH DIAMETER	EA	4	
21	9040-999-A	ANCHOR LOG, > 24 INCH DIAMETER	EA	11	
22	9070-999-A	LIMESTONE CHECK DAM	EA	50	
23	11020-A	MOBILIZATION	LS	1	
24	11050-A	CONCRETE WASHOUT	LS	1	

ESTIMATE REFERENCE INFORMATION		
ITEM NO.	ITEM CODE	DESCRIPTION
1	2010-B	CLEARING AND GRUBBING PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES, TREES TO BE PROTECTED WILL BE IDENTIFIED ON-SITE BY ENGINEER AND TREE PROTECTION FENCE SHALL BE INSTALLED, INCIDENTAL TO THIS ITEM. CLEARING AND GRUBBING SHALL BE LIMITED TO ONLY THAT AREA WITHIN THE CONSTRUCTION LIMITS. TREES WITH 6 INCH DIAMETER AND LARGER HAVE BEEN IDENTIFIED ON SHEET F.01. ITEM INCLUDES REMOVAL OF VEGATATED DEBRIS WITHIN CHANNEL AND WITHIN CONSTRUCTION LIMITS INCLUDING BUT NOT LIMITED TO FALLEN TREES AND STANDING TREES WITH DIAMETER OF LESS THAN 6 INCHES, NOT SPECIFICALLY IDENTIFIED IN THE PLANS. SUITABLE LOGS OF SUFFICIENT LENGTH AND DIAMETER SHALL BE SALVAGED AND INSTALLED AND PAID FOR AS ANCHOR LOGS; BID ITEM 19, 20, AND 21. ALL WASTE MATERIAL FROM GRUBBING AND TREE LIMBS SHALL BE INCORPORATED INTO AND PAID FOR UNDER THE HEADWATER CHANNEL MATRIX RESTORATION BID ITEMS 16, 17 AND 18. WITHIN LIMITS, CONTRACTOR SHALL CLEAR ALL TREES AND SHRUBS NECESSARY TO CONSTRUCT PROJECT, EXCEPT FOR TREES INDICATED TO BE PROTECTED BY TREE PROTECTION FENCE, INCIDENTAL TO THIS ITEM.
2	2010-D-3	TOPSOIL, OFF-SITE THIS ITEM SHALL BE USED AT THE DISCRETION OF THE ENGINEER. QUANTITY IS APPROXIMATED TO ESTABLISH A UNIT RATE.
3	2010-E	EXCAVATION, CLASS 13 (UNCLASSIFIED EXCAVATION) THIS ITEM SHALL INCLUDE THE RE-GRADING AS PER PLAN TO FACILITATE ALL PROPOSED SECTIONS. ALL BORROW SHALL BE PROVIDED BY THE CONTRACTOR AND PAID FOR AS BORROW. EXCESS OR UNSUITABLE EXCAVATED MATERIAL WILL BECOME PROPERTY OF THE CONTRACTOR AND WILL BE HAULED OFF-SITE INCIDENTAL TO THE ITEM. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR OVERHAUL OF WASTE. RAW CUT = 383 CY, RAW FILL = 1165 CY, NO ADJUSTMENT FACTOR HAS BEEN APPLIED FOR PLAN QUANTITY. RAW EARTHWORK QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY ARE A COMPARISON OF EXISTING CONDITIONS AND PROPOSED CONDITIONS AND MAY INCLUDE MATERIALS AND OPERATIONS PAID FOR UNDER OTHER BID ITEMS E.G. PAVEMENT REMOVAL, STORM SEWER TRENCHED, PCC PAVEMENT, SUBBASE, TOPSOIL, COMPOST AMENDMENT, ETC. MEASUREMENT WILL NOT BE MADE AND QUANTITY PAID WILL BE ON A PERCENT OF ITEM COMPLETE. AS-BUILTS OF FINISH GRADE WILL BE VERIFIED AT THE DISCRETION OF THE ENGINEER.
4	2010-E	EXCAVATION, BORROW THIS ITEM SHALL INCLUDE THE IMPORT, PLACEMENT AND GRADING AS PER PLAN TO FACILITATE ALL PROPOSED SECTIONS. ALL BORROW MATERIAL SHALL BE PROVIDED BY THE CONTRACTOR. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR OVERHAUL OF WASTE. PLAN QUANTITY IS CALCULATED FROM THE FILL DEFICIT OF EXCAVATION, CLASS 13, ON SITE. FINAL PAID QUANTITY WILL BE REDUCED BY QUANTITY OF TOPSOIL, IMPORT REQUIRED AND APPROVED BY THE ENGINEER. RAW CUT = 383 CY, RAW FILL = 1165 CY, NO ADJUSTMENT FACTOR HAS BEEN APPLIED FOR PLAN QUANTITY. MEASUREMENT WILL NOT BE MADE AND QUANTITY PAID WILL BE ON A PERCENT OF ITEM COMPLETE. AS-BUILTS OF FINISH GRADE WILL BE VERIFIED AT THE DISCRETION OF THE ENGINEER.
5	7010-E	CURB AND GUTTER, 6 INCH STANDARD CURB CONCRETE WILL BE C OR M MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. SLAG IS NOT ALLOWED. COMPACTION OF SUBGRADE IS INCIDENTAL TO THIS ITEM. CONCRETE TESTING WILL BE PROVIDED BY THE OWNER. NO EXTRA PAYMENT FOR COLD WEATHER PAVING.
6	7030-A-1	REMOVAL OF SIDEWALK ALL REMOVALS TO BE MARKED AND MEASURED BY THE ENGINEER. FULL DEPTH SAW CUTS ALONG THE REMOVAL LIMITS ARE INCIDENTAL TO THIS ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL REMOVAL, EARTHWORK, SUBGRADE PREPARATION, MODIFIED SUBBASE AND PAVING EXPENSES DUE TO DAMAGED EDGES. ADDITIONAL REMOVAL TO BE DETERMINED BY ENGINEER. PAYMENT SHALL BE MADE FOR THE AREA OF PAVEMENT REMOVED REGARDLESS OF THICKNESS.

7	7030-B	REMOVAL OF CURB ALL REMOVALS TO BE MARKED AND MEASURED BY THE ENGINEER. FULL DEPTH SAW CUTS ALONG THE REMOVAL LIMITS ARE INCIDENTAL TO THIS ITEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL REMOVAL, EARTHWORK, SUBGRADE PREPARATION, MODIFIED SUBBASE AND PAVING EXPENSES DUE TO DAMAGED EDGES. ADDITIONAL REMOVAL TO BE DETERMINED BY ENGINEER. PAYMENT SHALL BE MADE FOR THE AREA OF PAVEMENT REMOVED REGARDLESS OF THICKNESS.
8	7030-E	SIDEWALK, PCC, 4 INCH CONCRETE WILL BE C OR M MIX WITH A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. SLAG IS NOT ALLOWED. COMPACTION OF SUBGRADE IS INCIDENTAL TO THIS ITEM. CONCRETE TESTING WILL BE PROVIDED BY THE OWNER. NO EXTRA PAYMENT FOR COLD WEATHER PAVING.
9	9010-A	CONVENTIONAL SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 2 - COOL SEASON DITCHES SEED ALL AREAS DISTURBED BY CONSTRUCTION AS INDICATED ON PLANS. THE COST FOR WATERING UNTIL SEED ESTABLISHMENT IS ACCEPTED SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM. ROCK PICKING, FINISH GRADING, SEED BED PREP AND RESEEDING ARE CONSIDERED INCIDENTAL TO THIS ITEM. SEED AND FERTILIZER SHALL BE APPLIED PRIOR TO MULCHING. THE CONTRACTOR IS RESPONSIBLE FOR MOWING AND MAINTAINING SEEDED AREAS UNTIL THE PROJECT IS ACCEPTED BY THE OWNER. SEEDING OF AREAS DISTURBED OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER. THE SEEDING RATE SHALL BE AT LEAST 260 LBS/ACRE. APPLY A 6-24-24, NITROGEN, PHOSPHATE, POTASH, COMMERCIAL FERTILIZER OR EQUIVALENT AT THE RATE OF 300 LBS PER ACRE. APPLY MULCHING PER MANUFACTURERS RECOMMENDATIONS. SEEDING AREAS ASSUMED FOR TWO APPLICATIONS OVER THE AREAS DISTURBED.
10	9010-A	CONVENTIONAL SEEDING, SEEDING, AND MULCHING, NATIVE GRASS AND FORBS SEEDING SEED ALL AREAS DISTURBED BY CONSTRUCTION AS INDICATED ON PLANS. THE COST FOR WATERING UNTIL SEED ESTABLISHMENT IS ACCEPTED SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM. ROCK PICKING, FINISH GRADING, SEED BED PREP AND RESEEDING ARE CONSIDERED INCIDENTAL TO THIS ITEM. SEED AND FERTILIZER SHALL BE APPLIED PRIOR TO MULCHING. THE CONTRACTOR IS RESPONSIBLE FOR MOWING AND MAINTAINING SEEDED AREAS UNTIL THE PROJECT IS ACCEPTED BY THE OWNER. SEEDING OF AREAS DISTURBED OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER. THE SEEDING RATE SHALL BE AT LEAST 260 LBS/ACRE. APPLY A 6-24-24, NITROGEN, PHOSPHATE, POTASH, COMMERCIAL FERTILIZER OR EQUIVALENT AT THE RATE OF 300 LBS PER ACRE. APPLY MULCHING PER MANUFACTURERS RECOMMENDATIONS. SEEDING AREAS ASSUMED FOR TWO APPLICATIONS OVER THE AREAS DISTURBED.
11	9040-E	TEMPORARY RECP, 1.A ULTRA SHORT-TERM - TYPICAL 3 MONTH FUNCTIONAL LONGEVITY MULCH CONTROL NETS A PHOTODEGRADABLE SYNTHETIC MESH OR WOVEN BIODEGRADABLE NATURAL FIBER NETTING. 5:1 (H:V) 0.25 LBS./FT2
12	9040-F-1	WATTLE, WOOD EXCELSIOR, 9 INCH
13	9040-J	RIP RAP, CLASS E
14	9040-O-1	TRACK-OUT CONTROL
15	9040-T-1	INLET PROTECTION DEVICE, DROP-IN
16	9040-999-A	HEADWATER CHANNEL MATRIX RESTORATION, TYPE A FURNISH AND INSTALL HEADWATER CHANNEL MATRIX CONSISTING OF, BY VOLUME, BRUSH AND WOODY MATERIAL (60%), MACADAM STONE (20%), 6-INCH EROSION STONE (20%). INCLUDES EXCAVATION, PLACEMENT, GRADING, SHAPING, AND ALL INCIDENTALS TO COMPLETE THE WORK AS SHOWN ON PLANS.
17	9040-999-A	HEADWATER CHANNEL MATRIX RESTORATION, TYPE B FURNISH AND INSTALL HEADWATER CHANNEL MATRIX CONSISTING OF, BY VOLUME, BRUSH AND WOODY MATERIAL (50%), 6-INCH EROSION STONE (50%). INCLUDES EXCAVATION, PLACEMENT, GRADING, SHAPING, AND ALL INCIDENTALS TO COMPLETE THE WORK AS SHOWN ON PLANS.
18	9040-999-A	HEADWATER CHANNEL MATRIX RESTORATION, TYPE C FURNISH AND INSTALL HEADWATER CHANNEL MATRIX CONSISTING OF, BY VOLUME, BRUSH AND WOODY MATERIAL (40%), 6-INCH EROSION STONE (20%), 12-INCH RIPRAP (20%). INCLUDES EXCAVATION, PLACEMENT, GRADING, SHAPING, AND ALL INCIDENTALS TO COMPLETE THE WORK AS SHOWN ON PLANS.
19	9040-999-A	ANCHOR LOG, > 12 INCH DIAMETER CONSTRUCT ANCHOR LOG TYPE A USING SUITABLE LOGS SALVAGED FROM ONSITE CLEARING AND GRUBBING OPERATIONS. LOGS SHALL HAVE A MINIMUM LENGTH OF 13 FEET AND MINIMUM MID-LENGTH DIAMETER OF 12-INCHES. THE WORK INCLUDES SELECTING, SALVAGING, STOCKPILING, TRANSPORTING, TRIMMING, EXCAVATING, PLACING, EMBEDDING, AND BACKFILLING THE LOG AS SHOWN IN THE PLANS. PAYMENT SHALL BE PER EACH COMPLETED AND ACCEPTED ANCHOR LOG INSTALLATION.
20	9040-999-A	ANCHOR LOG, > 18 INCH DIAMETER CONSTRUCT ANCHOR LOG TYPE A USING SUITABLE LOGS SALVAGED FROM ONSITE CLEARING AND GRUBBING OPERATIONS. LOGS SHALL HAVE A MINIMUM LENGTH OF 13 FEET AND MINIMUM MID-LENGTH DIAMETER OF 18-INCHES. THE WORK INCLUDES SELECTING, SALVAGING, STOCKPILING, TRANSPORTING, TRIMMING, EXCAVATING, PLACING, EMBEDDING, AND BACKFILLING THE LOG AS SHOWN IN THE PLANS. PAYMENT SHALL BE PER EACH COMPLETED AND ACCEPTED ANCHOR LOG INSTALLATION.
21	9040-999-A	ANCHOR LOG, > 24 INCH DIAMETER CONSTRUCT ANCHOR LOG TYPE A USING SUITABLE LOGS SALVAGED FROM ONSITE CLEARING AND GRUBBING OPERATIONS. LOGS SHALL HAVE A MINIMUM LENGTH OF 13 FEET AND MINIMUM MID-LENGTH DIAMETER OF 24-INCHES. THE WORK INCLUDES SELECTING, SALVAGING, STOCKPILING, TRANSPORTING, TRIMMING, EXCAVATING, PLACING, EMBEDDING, AND BACKFILLING THE LOG AS SHOWN IN THE PLANS. PAYMENT SHALL BE PER EACH COMPLETED AND ACCEPTED ANCHOR LOG INSTALLATION.
22	9070-999-A	LIMESTONE CHECK DAM THIS ITEM INCLUDES ALL LABOR, MATERIAL, AND EQUIPMENT TO CONSTRUCT LIMESTONE CHECK DAMS AS INDICATED IN THE PLANS. INCIDENTAL TO THIS ITEM IS ALL EXCAVATION, FILTER FABRIC, AGGREGATE SUBBASE, CHINKING STONE, AND SUBGRADE PREP AND BACKFILL. EACH CHECK DAM SHALL CONSIST OF 4 COURSES OF BLOCK, 16 FEET WIDE, THAT ARE 1 FOOT TALL AND 18 INCHES IN DEPTH AS DETAILED ON B.01. EACH LIMESTONE CHECK DAM IS ESTIMATED TO REQUIRE APPROXIMATELY 7 TONS OF LIMESTONE, 93 CUBIC FEET AT 150 PCF LIMESTONE UNIT WEIGHT IN PLACE.
23	11020-A	MOBILIZATION
24	11050-A	CONCRETE WASHOUT

DESIGNED	REV	DESCRIPTION	DATE
JRG	0	ISSUED FOR BID	09/08/2026
JRG	A	ADDENDUM NO. 1	09/28/2026
JEN			
CLIENT PROJ. NO.			
0A1.134092			

CITY OF JOHNSTON
COUNTRY RIDGE STORM WATER
QUANTITIES & REFERENCE NOTES

SHEET
C.02



430 E GRAND AVENUE, SUITE 101
DES MOINES, IA 50309
Phone: (515) 259-9190
Email: DesMoines@bolton-menk.com
www.bolton-menk.com