ADDENDUM NO. 1

NEBRASKA AVENUE WATER MAIN REHABILITATION
COUNCIL BLUFFS WATER WORKS
July 31, 2026

NOTE TO ALL PLAN HOLDERS: Please replace the following in your copy of the Project Contract Documents. The following additions or changes to the above referenced project is hereby issued by Snyder & Associates, Inc. for Council Bluffs Water Works; said change shall be added to the Project Contract Documents and shall have the same force and effect as though part of the original issue.

PART 1 – CHANGES TO THE PROJECT SPECIFICATIONS

1.1 PROPOSAL AND CONTRACT:
REMOVE AND REPLACE PROPOSAL PAGE P-3 AND CONTRACT PAGE C-2 WITH THE ENCLOSED REVISED P-3 AND C-2 PAGES

1.2 APPENDIX B:
SECTION 1.6 – CLEANING AND SURFACE PREPARATION, ADD THE FOLLOWING ITEMS 1.6.6 AND 1.6.7:

1.6.6 Contractor is responsible for establishing landfill waste profile and acquiring the waste permit for the project at the Loess Hills Regional Sanitary Landfill for the disposal of debris removed from all Owner water mains. All costs associated with establishing the waste profile and maintaining said profile for the duration of the project will be at the expense of the Contractor including but not limited to testing and sampling, coordination, fees, and other associated costs.

1.6.7 Contractor is responsible for liquid waste profile and submitting the request to the City of Council Bluffs Public Works Engineering to discharge the liquid waste to the nearest manhole or transporting the liquid waste to the Council Bluffs Water Pollution Control Plant. The liquid waste must be metered, and analytics must be reported to the City of Council Bluffs Public Works Engineering. All disposal costs are the responsibility of the Contractor and incidental to the project.

SECTION 1.5.3 – LINING DIMENSIONS, ADD THE FOLLOWING ITEM 1.5.3.4

1.5.3.4 Liner thickness shall not exceed 6.5mm.

SECTION 1.5.10 – PRESSURE TESTING, REPLACE 1.5.10.1 WITH THE FOLLOWING:

1.5.10.1 After installation of new liner, complete pressure testing per ASTM F1743 for CIPP and AWWA C600 for FFRP.

SECTION 1.8 – POST-REHABILITATION INSPECTION, REPLACE 1.8 WITH THE FOLLOWING :

1.8 Post-Rehabilitation Inspection (CIPP Only)

PART 2 – CHANGES TO THE DRAWINGS

2.1 PLAN SHEETS:
REMOVE AND REPLACE SHEETS A.1, A.2, C.1, D.1, J.1, AND J.2.

ADD SHEET B.2.

PART 3 – PREBID MEETING MINUTES

3.1 PREBID MEETING MINUTES AND ATTENDANCE SHEET (ENCLOSED)

PART 4 – BIDDER QUESTIONS

4.1 QUESTIONS RECEIVED (ENCLOSED)

THE ADDENDUM SHALL BE MADE A PART OF THE PROJECT CONTRACT DOCUMENTS AND ACKNOWLEDGED WITH THE BIDDER'S PROPOSAL.

Addendum Prepared By:
SNYDER & ASSOCIATES, INC.

Brett Paige, P.E.
Project Engineer

Project: ***NEBRASKA AVENUE WATER MAIN REHABILITATION***
Council Bluffs Water Works
Snyder & Associates, Inc. Project No. 125.1319.01

ITEM #	DESCRIPTION	ESTIMATED QUANTITY		BID UNIT PRICE	UNIT PRICE EXTENSION
5-1.	Mobilization & General Items	1	LS	_____	_____
5-2.	Access Pit #1	1	LS	_____	_____
5-3.	Access Pit #2	1	LS	_____	_____
5-4.	Access Pit #3	1	LS	_____	_____
5-5.	Access Pit #4	1	LS	_____	_____
5-6.	Water Main Lining, 16”	1200	LF	_____	_____
5-7.	Gate Valve, 16”	2	EA	_____	_____
5-8.	Traffic Control	1	LS	_____	_____
5-9.	Conventional Seeding	1	LS	_____	_____
5-10.	Gate Valve, 12”	1	EA	_____	_____
5-11.	Sleeve, 16”	2	EA	_____	_____
5-12.	Sleeve, 12”	1	EA	_____	_____
5-13.	Cut and Connect To Existing 16” Water Main	1	EA	_____	_____
5-14.	Remove and Salvage Valve	1	EA	_____	_____
		TOTAL BID:		_____	_____

_____

Project: ***NEBRASKA AVENUE WATER MAIN REHABILITATION***
Council Bluffs Water Works
Snyder & Associates, Inc. Project No. 125.1319.01

ITEM #	DESCRIPTION	ESTIMATED QUANTITY		BID UNIT PRICE	UNIT PRICE EXTENSION
5-1.	Mobilization & General Items	1	LS	_____	_____
5-2.	Access Pit #1	1	LS	_____	_____
5-3.	Access Pit #2	1	LS	_____	_____
5-4.	Access Pit #3	1	LS	_____	_____
5-5.	Access Pit #4	1	LS	_____	_____
5-6.	Water Main Lining, 16”	1200	LF	_____	_____
5-7.	Gate Valve, 16”	2	EA	_____	_____
5-8.	Traffic Control	1	LS	_____	_____
5-9.	Conventional Seeding	1	LS	_____	_____
5-10.	Gate Valve, 12”	1	EA	_____	_____
5-11.	Oversized Sleeve, 16”	2	EA	_____	_____
5-12.	Oversized Sleeve, 12”	1	EA	_____	_____
5-13.	Cut and Connect To Existing 16” Water Main	1	EA	_____	_____
5-14.	Remove and Salvage Valve	1	EA	_____	_____

TOTAL CONTRACT: _____

2. That this Contract consists of the following component parts which are made a part of this agreement and Contract as fully and absolutely as if they were set out in detail in the Contract:

a. Addenda Numbers: _____

b. Special Provision Requirements for ***NEBRASKA AVENUE WATER MAIN REHABILITATION***

c. Plans

d. Notice to Bidders

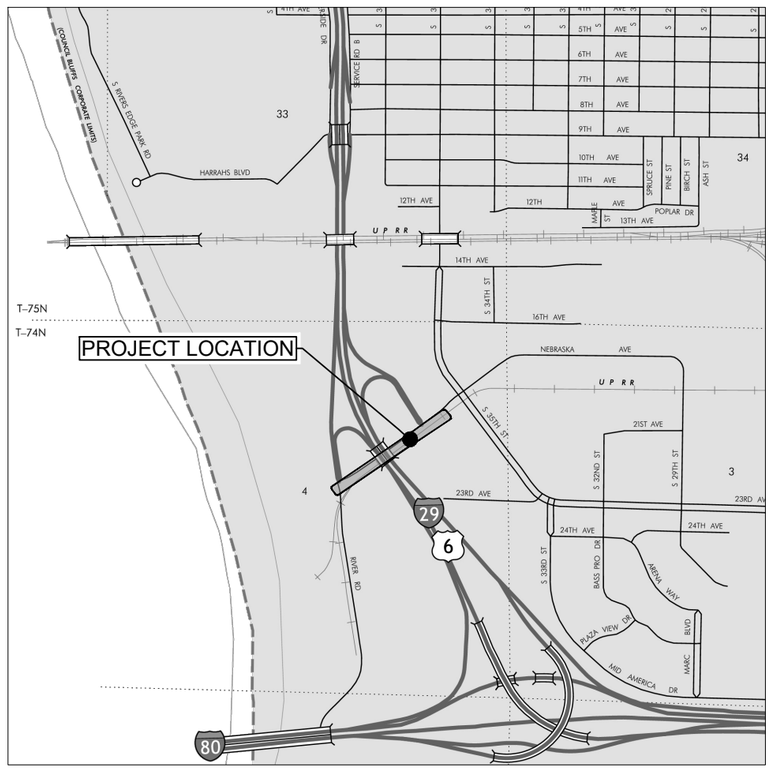
e. Instructions to Bidders

CONSTRUCTION PLANS FOR

NEBRASKA AVENUE WATER MAIN REHABILITATION

COUNCIL BLUFFS WATER WORKS

COUNCIL BLUFFS, IOWA

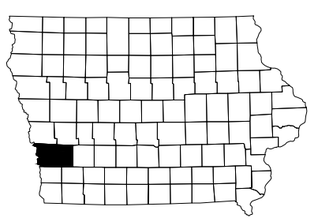


NOT TO SCALE

VICINITY MAP

Index of Sheets

A.1	TITLE SHEET
A.2	GENERAL INFORMATION & QUANTITIES & ERI
A.3	GENERAL NOTES
1 B.1-B.2	DETAILS
C.1	OVERALL PLAN
D.1	DETAILED SITE PLAN
J.1-J.2	TRAFFIC CONTROL



POTTAWATTAMIE COUNTY, IOWA

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDITION OF THE IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS FOR PUBLIC IMPROVEMENTS

LICENSED PROFESSIONAL ENGINEER
BRETT PAIGE
P23170
IOWA

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.

Brett Paige, P.E. Date

License Number P23170

My License Renewal Date is December 31, 2026

Pages or sheets covered by this seal:

A.1-A.3, B.1, C.1, D.1, J.1-J.2

MARK	REVISION	DATE	BY
1	ADDENDUM NO. 1	7/30/2026	HD

Engineer: HD | Checked By: BP | Scale: 1" = 1000'
Technician: LB | Date: 06-01-2026 | T-R-S: 74N-44W-04
Project No: 125.1319.010 | Sheet A.1

NEBRASKA AVENUE WATER MAIN REHABILITATION

COUNCIL BLUFFS, IOWA

TITLE SHEET

SNYDER & ASSOCIATES, INC.
2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES

Project No: 125.1319.010

Sheet A.1

V:\Projects\2025\125.1319.010\CADD\C3D_125.1319.010_A_SHTS_recover.dwg HALEY DOWNE, TITLE SHEET, 2026/07/29, 2433PW, ANSI FULL BLEED B (17.00 X 11.00 INCHES)

ESTIMATED PROJECT QUANTITIES

ITEM NO.	CODE	DESCRIPTION	ESTIMATED QUANTITY	
5-1		MOBILIZATION & GENERAL ITEMS	1	LS
5-2		ACCESS PIT #1	1	LS
5-3		ACCESS PIT #2	1	LS
5-4		ACCESS PIT #3	1	LS
5-5		ACCESS PIT #4	1	LS
5-6		WATER MAIN LINING, 16-INCH	1200	LF
5-7		GATE VALVE, 16-INCH	2	EA
5-8		TRAFFIC CONTROL	1	LS
5-9		CONVENTIONAL SEEDING	1	LS
5-10		GATE VALVE, 12-INCH	1	EA
5-11		SLEEVE, 16-INCH	2	EA
5-12		SLEEVE, 12-INCH	1	EA
5-13		CUT AND CONNECT TO EXISTING 16-INCH WATER MAIN	1	EA
5-14		REMOVE AND SALVAGE VALVE	1	EA

ESTIMATE REFERENCE INFORMATION

ITEM NO.	DESCRIPTION
5-1 - 5-14	REFER TO THE WATER MAIN SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
5-1	LUMP SUM PRICE INCLUDES PREPARATORY WORK AND OPERATIONS FOR ALL ITEMS UNDER THE CONTRACT. ITEM INCLUDES BUT IS NOT LIMITED TO WORK NECESSARY FOR THE MOVEMENT OF PERSONNEL, EQUIPMENT, SUPPLIES, AND INCIDENTALS TO AND BETWEEN PROJECTS SITES. PAYMENT TO BE MADE AS PER SUDAS, SECTION 11,020. 1.08.
5-2 - 5-5	ITEM INCLUDES ASSOCIATED WORK AS REQUIRED TO ACCESS THE WATER MAIN TO BE LINED UTILIZING OPEN-CUT METHODS AT LOCATED IDENTIFIED IN THE PLANS. UNIT PRICE INCLUDES BUT IS NOT LIMITED TO SAWING, PAVEMENT REMOVAL/DISPOSAL, EXCAVATION, DEWATERING, SHORING, TEMPORARY PIPE REMOVAL, REPLACEMENT OF REMOVED SECTIONS OF WATER MAIN PIPE, BACKFILL, SUBGRADE, AND COMPOSITE PATCH PER DETAIL 1, SHEET B.2. REFER TO SUDAS SECTIONS 3010 AND 7040. REPLACEMENT OF PIPE MATERIAL TO BE DIP. THIS WORK SHALL COMPLY WITH THE CURRENT CITY OF COUNCIL BLUFFS SUPPLEMENTAL SPECIFICATIONS (2026). HMA MIX SHALL BE: HT BASE, 3/4" MIX, PG 58-28 S; HT SURFACE, 1/2" MIX, NO FRIC., PG 58-28 V
5-6	INCLUDES FURNISHING AND INSTALLING THE WATER MAIN LINER AND APPURTENANCES, PRE-LINING CCTV INSPECTION, ALL SURFACE PREPARATION TO REMOVE DEBRIS FROM THE PIPE PRIOR TO LINING AS REQUIRED FOR THE SUCCESSFUL INSTALLATION OF THE LINER, DEWATERING OF THE PIPE, BYPASS PUMPING, AND POST-LINING CCTV INSPECTION. UNIT PRICE INCLUDES BUT IS NOT LIMITED TO ALL LABOR, MATERIAL, EQUIPMENT, SOLID AND LIQUID DEBRIS DISPOSAL, AND TESTING. ALSO INCLUDES INSTALLATION OF REQUIRED TERMINATION FITTINGS AND/OR END SEALS TO SECURE THE LINER IN PLACE. EXISTING WATER MAIN MATERIAL IS DUCTILE IRON. WATER MAIN LINER SHALL COMPLY WITH NSF 61.
5-7, 5-10	CONTRACT UNIT PRICE SHALL INCLUDE ALL COSTS FOR THE CONTRACTOR FURNISHING AND INSTALLING VALVES AND VALVE BOXES. ALL GATE VALVES SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C-509 OR C-515 AND HAVE DUCTILE IRON BODY AND BONNET WITH STAINLESS STEEL BOLTS. REFER TO SECTION 3.1 OF THE WATER MAIN SPECIAL PROVISIONS. CONTRACT UNIT PRICES SHALL INCLUDE ALL COSTS FOR THE CONTRACTOR ADJUSTING TOPS OF NEW VALVE BOXES TO FINISH GRADE IN PAVED AND UNPAVED AREAS. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL VALVE BOXES DURING CONSTRUCTION. VALVE BOXES PLACED IN FUTURE PAVING SHALL HAVE A 1/2" THICK FLEXIBLE EXPANSION JOINT MATERIAL WRAPPED AROUND IT AND SHALL BE SEALED PER FIGURE 7010.101 DETAIL F. CONTRACT UNIT PRICE SHALL ALSO INCLUDE ALL COSTS FOR THE CONTRACTOR TO SUPPLY AND INSTALL STEEL FENCE POSTS WITH BLUE PAINT NEAR ALL VALVE BOXES DURING INSTALLATION. NO PAYMENT FOR INSTALLED GATE VALVES WILL BE MADE UNTIL THE INSTALLATION COMPLIES COMPLETELY WITH THE PLANS AND SPECIFICATIONS, INCLUDING THE INSTALLATION OF BLUE STEEL FENCE POSTS NEAR ALL VALVE BOXES. EXTRA BURY VALVE BOXES SHALL BE CONSIDERED INCIDENTAL.
5-7, 5-10 - 5-12	CONTRACT UNIT PRICE SHALL INCLUDE ALL COSTS FOR FURNISHING AND INSTALLING RETAINER GLANDS OR WEDGE ACTION RESTRAINERS HAVING BOLTS WITH SHEAR HEADS TO PREVENT DAMAGE TO THE PIPE LINING.
5-8	CONTRACT UNIT PRICE INCLUDES FURNISHING, ERECTING, OPERATING, MAINITAINING, MOVING AND REMOVING ALL TRAFFIC CONTROL DEVICES, AS NEEDED AT THE DISCRETION OF THE CONTRACTOR FOR THE DURATION OF THE WORK. THIS ITEM INCLUDES FLAGGERS, IF NEEDED, TO PROTECT WORKERS AND THE TRAVELLING PUBLIC. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
5-9	PAYMENT SHALL BE BY LUMP SUM. SEEDING SHALL MEET THE REQUIREMENTS OF THE CITY OF COUNCIL BLUFFS SUPPLEMENTAL SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER ALL AREAS TO BE SEEDED PRIOR TO COMMENCING ANY WORK ON THIS ITEM. ALL SEEDED AREAS TO BE HYDROMULCHED. SEED TYPE SHALL BE TYPE 1 MIX (URBAN). ITEM INCLUDES WATTLES FOR EROSION CONTROL, IF NECESSARY.
5-13	THIS WORK SHALL BE PERFORMED WITH WATER WORKS PERSONNEL PRESENT. CONTRACTOR SHALL USE CAUTION WHEN EXPOSING OR CONNECTING TO AN EXISTING WATER MAIN TO PREVENT MOVEMENT OR DAMAGE OF EXISTING FITTINGS AND/OR PIPE. CONTRACT UNIT PRICES SHALL INCLUDE THE USE OF THICKNESS CLASS 52 AND NITRILE GASKETS FOR ALL PIPES AND FITTINGS. CONTRACT UNIT PRICE SHALL INCLUDE COSTS FOR THE CONTRACTOR FOR EXCAVATION, PLACING BACKFILL MATERIAL, COMPACTION, REMOVAL AND DISPOSAL OF EXISTING PIPE, CONCRETE THRUST BLOCKS, DRY BLOCKING, AND TIE RODS NECESSARY TO PERFORM THIS WORK. CONTRACT UNIT PRICE SHALL INCLUDE 20 LF OF MAINLINE DIAMETER DI PIPE TO BE USED FOR CONNECTING TO THE EXISTING WATER MAIN PIPE. THIS PIPE WILL NOT BE MEASURED SEPARATELY FOR PAYMENT UNDER THE CONTRACT LF UNIT PRICE. SEE SHEET D.1 FOR ADDITIONAL INFORMATION.
5-14	CONTRACTOR SHALL COORDINATE WITH CBWW TO DELIVER ALL SALVAGE ITEMS TO THE CBWW.

LEGEND

FEATURES	FOUND	SET
Section Corner		
1/2" Rebar, Cap # 11579 (Unless Otherwise Noted)		
ROW Marker		
ROW Rail		
Control Point	CP	
Bench Mark		
Platted Distance	P	
Measured Bearing & Distance	M	
Recorded As	R	
Deed Distance	D	
Calculated Distance	C	
Minimum Protection Elevation	MPE	
Centerline		
Section Line		
1/4 Section Line		
1/4 1/4 Section Line		
Easement Line		

FEATURES	EXISTING	PROPOSED
Spot Elevation	X (1225.25)	X 1225.25
Contour Elevation	1225	1225
Fence (Barbed, Field, Hog)	X	X
Fence (Chain Link)	//	//
Fence (Wood)		
Fence (Silt)		
Tree Line		
Tree Removal Limits		
Tree Stump		
Deciduous Tree \\ Shrub		
Coniferous Tree \\ Shrub		
Tree Removal		
Communication	C(*)	C
Overhead Communication	OC(*)	OC
Fiber Optic	FO(*)	FO
Underground Electric	E(*)	E
Overhead Electric	OE(*)	OE
Duct Bank	DUCT(*)	DUCT
Gas Main with Size	G(*)	G
High Pressure Gas Main with Size	HPG(*)	HPG
Water Main with Size	W(*)	
Sanitary Sewer with Size	S(*)	
Sanitary Manhole		
Storm Sewer with Size	ST(*)	
Storm Manhole		
Single Storm Sewer Intake		
Double Storm Sewer Intake		

(*) Denotes the survey quality service level for utilities

Fire Hydrant		
Fire Hydrant on Building		
Water Main Valve		
Water Service Valve		
Well	W	W
Utility Pole		
Guy Anchor		
Utility Pole with Light		
Utility Pole with Transformer		
Street Light		
Yard Light		
Electric Box	EB	EB
Electric Transformer	E	E
Communication Pedestal	C	C
Communication Manhole	C	C
Communication Handhole	C	C
Fiber Optic Manhole	FO	FO
Fiber Optic Handhole	FO	FO
Gas Valve		
Gas Manhole	G	G
Gas Apparatus	G	G
Fence Post or Guard Post		
Underground Storage Tank	UST	
Above Ground Storage Tank	AST	
Sign		
Satellite Dish		
Mailbox		
Sprinkler Head		
Irrigation Control Valve	ICV	ICV
Soil Boring	B-2	
Test Hole Location for SUE w/ID		
Elevation	EL: 1225.25	EL: 1225.25
Section Number / Drawing Number		DETAIL# / SHEET#
Removal Items		
Construction Limits		
Property Line	PL	PL
Right-of-Way Line	R/W	R/W

UTILITY QUALITY SERVICE LEVELS

QUALITY LEVELS OF UTILITIES ARE SHOWN IN THE PARENTHESES WITH THE UTILITY TYPE AND WHEN APPLICABLE, SIZE. THE QUALITY LEVELS ARE BASED ON THE CI / ASCE 38-02 STANDARD.
QUALITY LEVEL (D) INFORMATION IS DERIVED FROM EXISTING UTILITY RECORDS OR ORAL RECOLLECTIONS.
QUALITY LEVEL (C) INFORMATION IS OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND USING PROFESSIONAL JUDGMENT IN CORRELATING THIS INFORMATION WITH
QUALITY D INFORMATION.
QUALITY LEVEL (B) INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES.
QUALITY LEVEL (A) IS HORIZONTAL AND VERTICAL POSITION OF UNDERGROUND UTILITIES OBTAINED BY ACTUAL EXPOSURE OR VERIFICATION OF PREVIOUSLY EXPOSED SUBSURFACE UTILITIES, AS WELL AS THE TYPE, SIZE, CONDITION, MATERIAL, AND OTHER CHARACTERISTICS.

UTILITY WARNING

THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES OR SUBSURFACE FEATURES SHOWN COMPRISE ALL SUCH ITEMS IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES OR SUBSURFACE FEATURES SHOWN ARE IN THE EXACT LOCATION INDICATED EXCEPT WHERE NOTED AS QUALITY LEVEL A.

UTILITY CONTACT INFORMATION

UTILITY CONTACT FOR MAPPING INFORMATION SHOWN AS RECEIVED FROM THE IOWA ONE CALL DESIGN REQUEST SYSTEM, TICKET NUMBER _____.

(ACH) ALEGENT CREIGHTON HEALTH
Company name : ALEGENT CREIGHTON HEALTH
Design contact: alegent creighton health
Phone: 4023434385
Email: robert.flint@alegent.org

(CBC) COUNCIL BLUFFS TRAFFIC
Company name : COUNCIL BLUFFS TRAFFIC
Design contact: Roger Bowen
Phone: 7128905410
Email: rbowen@councilbluffs-ia.gov

(CBF) COUNCIL BLUFFS WATER WORKS
Company name : COUNCIL BLUFFS WATER WORKS
Design contact: Brian Cady
Phone: 7123281006
Email: bcady@cbwaterworks.com

(CBS) COUNCIL BLUFFS SEWER
Company name : COUNCIL BLUFFS SEWER
Design contact: MARTY SELL
Phone: 7123284641
Email: msell@councilbluffs-ia.gov

(COX) COX COMMUNICATIONS
Company name : COX COMMUNICATIONS
Design contact: JEREMY DIXON
Phone: 4052135142
Email: JEREMY.DIXON@COX.COM

(CTLIA01) CENTURYLINK
Company name : CENTURYLINK
Design contact: SADIE HULL
Phone: 9185470147
Email: sadie.hull@lumen.com

(GCM) GREAT PLAINS COMMUNICATIONS
Company name : GREAT PLAINS COMMUNICATIONS
Design contact: RICK FITCHHORN
Phone: 4024566562
Email: RFITCHHORN@GPCOM.COM

(ICNDOT) IOWA DOT TOB FIBER
Company name : IOWA DOT TOB FIBER
Design contact: DAVE AUGSPURGER
Phone: 5157254604
Email: icnoutsideplantiowaonecall@iowa.gov

(IHA) IOWA HOSPITAL ASSOCIATION
Company name : IOWA HOSPITAL ASSOCIATION
Design contact: DAVE AUGSPURGER
Phone: 5157254604
Email: icnoutsideplantiowaonecall@iowa.gov

(M39E) MIDAMER-ELEC
Company name : MIDAMER-ELEC
Design contact: David Fitch
Phone: 7123665669
Email: dlfitch@midamerican.com

(MC1) VERIZON
Company name : VERIZON
Design contact: INVESTIGATIONS
Phone: 4698864090
Email: INVESTIGATIONS@VERIZON.COM

(P17) BLACK HILLS ENGY COUNCIL BLUFF
Company name : BLACK HILLS ENGY COUNCIL BLUFF
Design contact: Chris Dewey
Phone: 7125806028
Email: chris.dewey@blackhillscorp.com

(UPN) UNITE PRIVATE NETWORKS, LLC
Company name : UNITE PRIVATE NETWORKS, LLC
Design contact: MICHAEL STEINKAMP
Phone: 8164900894
Email: fibermanagement@segrafiber.com

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811

MARK	REVISION	DATE	BY
1	ADDENDUM NO. 1	7/30/2026	HD

Engineer: HD | Scale: 1" =
Checked By: BP | T-R-S: 74N-44W-04
Technician: LB | Date: 06-01-2026
Project No: 125.1319.010
Sheet A.2

NEBRASKA AVENUE WATER MAIN REHABILITATION

GENERAL INFORMATION & QUANTITIES & ERI

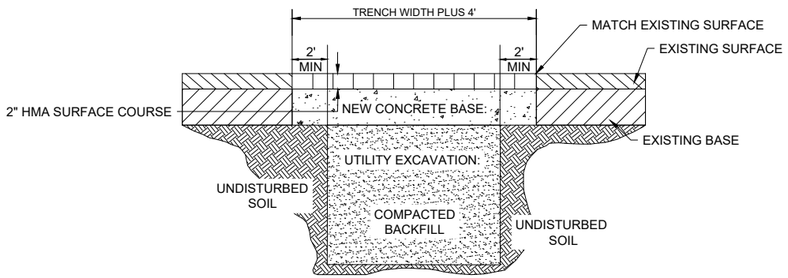
COUNCIL BLUFFS, IOWA

SNYDER & ASSOCIATES, INC.
2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES

Project No: 125.1319.010
Sheet A.2

V:\Projects\2025\125.1319.010\CADDCD\125.1319.010_A_SHTS_recover.dwg HALEY DOWNE GENERAL INFORMATION & QUANTITIES & ERI, 2026/07/30, 4:38 PM, ANSI FULL BLEED B (17.00 X 11.00 INCHES)



1
B.2

FULL DEPTH COMPOSITE PATCH

NO SCALE

MARK	REVISION	DATE	BY
1	ADDENDUM NO.1	7/30/2026	HD

Engineer: HD
Checked By: BP
Scale: 1" = NA
Technician: LB
Date: 07-3-2026
T-R-S: 74N-44W-04
Project No: 125.1319.010
Sheet B.2

NEBRASKA AVE WATER MAIN REHABILITATION

DETAILS

COUNCIL BLUFFS, IOWA

SNYDER & ASSOCIATES, INC.
2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES

Project No: 125.1319.010
Sheet B.2

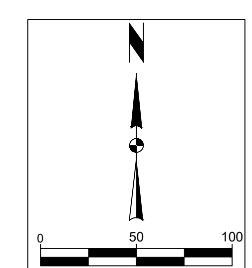
V:\Projects\2025\125.1319.010\CADD\CD_125.1319.010_B_SHTS.dwg HALEY DOWNE, RETAILED SITE PLAN, 2026/07/30, 8:58 AM, ANSI FULL BLEED B (17.00 X 11.00 INCHES)

GENERAL NOTES

1. ALL WORK ON THE 16" TRANSMISSION MAIN, INCLUDING VALVE INSTALLATIONS, ALONG NEBRASKA AVENUE ARE TO BE PRE-APPROVED BY CBWW. THE EXACT TIMING OF THE WORK ON THE 16" MAIN WILL BE DICTATED BY THE CBWW AND MAY BE REQUIRED TO OVERNIGHT AT THE DISCRETION OF THE CBWW. THE CBWW SHALL BE GIVEN 7 DAYS NOTICE BEFORE ANY DISRUPTION OF THE 16" WATER MAIN OCCURS. THE 16" WATER MAIN SHALL BE KEPT LIVE AS MUCH AS POSSIBLE.
2. ACCESS PITS WILL BE OPEN FOR NO LONGER THAN 14 DAYS. NO MORE THAN 2 PITS IN PAVEMENT SHALL BE ALLOWED TO BE OPEN AT ONCE. (1)

SEQUENCING NOTES

1. NOTIFY CBWW AT LEAST 48 HOURS PRIOR TO STARTING WORK.
2. COMPLETE THE INSTALLATION OF NEW GATE VALVES NEAR ACCESS PIT #1.
3. COMPLETE CLEANING AND SURFACE PREPARATION WORK FOR WATER MAIN TO BE REHABILITATED.
4. INSTALL TRAFFIC CONTROL AS NEEDED FOR ACCESS PITS. COORDINATE WITH CBWW FOR THE TEMPORARY SHUTDOWN OF FLOWS FOR THE PORTION OF WATER MAIN TO BE LINED. VALVES TO BE CLOSED INCLUDE THE NEWLY INSTALLED 16" GATE VALVE ON THE NORTH SIDE OF THE 12" CONNECTION FOR THE CASINO, 16" GATE VALVE TO SOUTH OF ACCESS PIT #4, AND THE 16" GATE VALVE WEST OF THE S 35TH ST ALONG NEBRASKA AVENUE (V-21442).
5. EXCAVATE ACCESS AND COMPLETE THE INSTALLATION OF THE LINER. COMPLETE ALL REQUIRED TESTING AND ACCEPTANCE OF LINER BEFORE BACKFILLING AND SURFACE RESTORATION.
6. BACKFILL ACCESS PITS AND COMPLETE SURFACE RESTORATION WORK.
7. COORDINATE WITH CBWW FOR THE REINSTATEMENT OF FLOWS.



MARK	REVISION	DATE	BY
1	ADDENDUM NO. 1	7/30/2026	HD

Engineer: HD | Checked By: BP | Scale: 1" = 50'
Technician: LB | Date: 06-04-2026 | T-R-S: 74N-44W-04
Project No: 125.1319.01 | Sheet C.1

NEBRASKA AVENUE WATER MAIN REHABILITATION

COUNCIL BLUFFS, IOWA

OVERALL PLAN

SNYDER & ASSOCIATES, INC.
2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES

Project No: 125.1319.01

Sheet C.1

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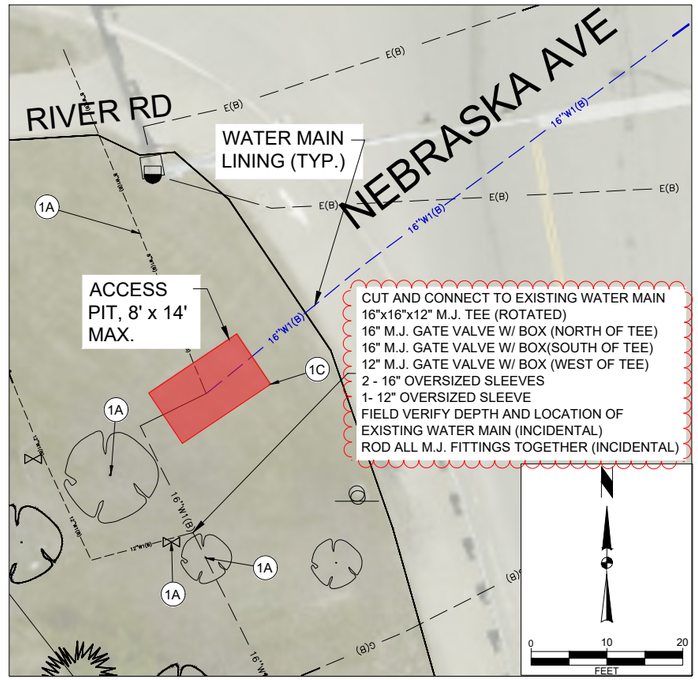
NOTES

1. GENERAL

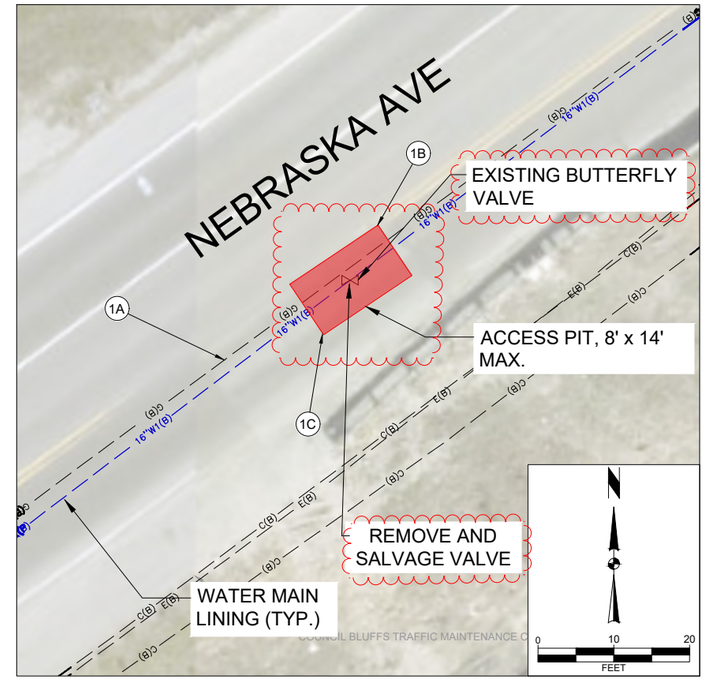
   A. PROTECT.

   B. ADJUST ACCESS PIT LOCATION TO ACCOMMODATE ADJACENT GAS MAIN. PROVIDE TEMPORARY SUPPORT OF GAS MAIN DURING OPEN EXCAVATION PERIODS.

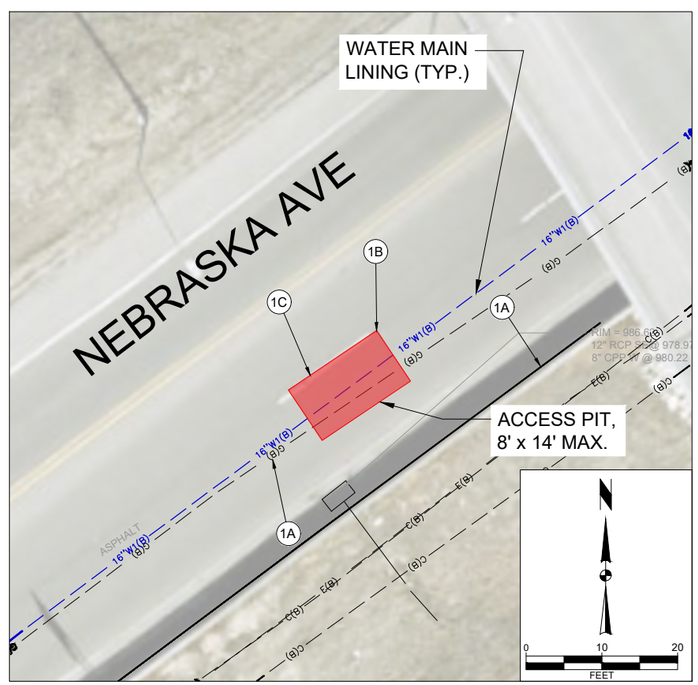
   1 C. ACCESS PIT DIMENSION SHALL BE CONTAINED TO A SINGLE LANE OF TRAFFIC.



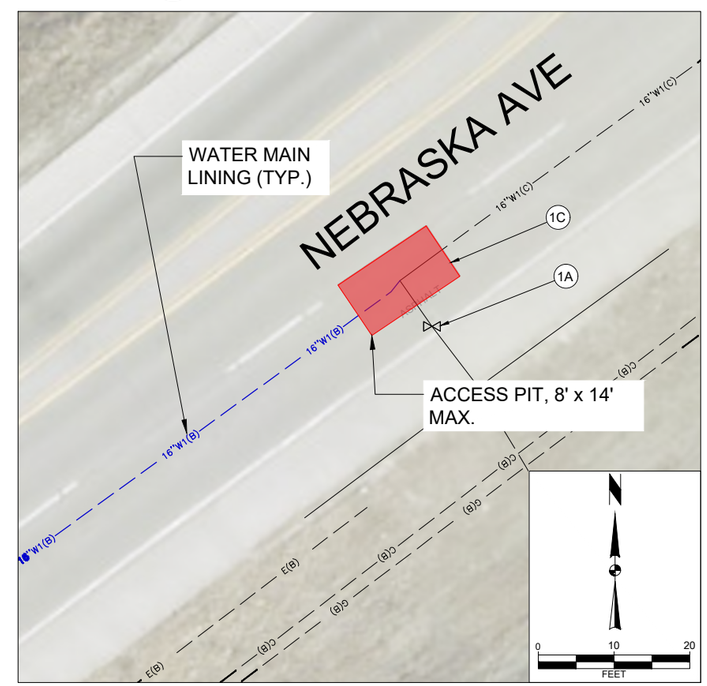
1 D.1 ACCESS PIT #1
1" = 10'



2 D.1 ACCESS PIT #2
1" = 10'



3 D.1 ACCESS PIT #3
1" = 10'



4 D.1 ACCESS PIT #4
1" = 10'

MARK	REVISION	DATE	BY
1	ADDENDUM NO. 1	7/30/2026	HD

Engineer: HD | Checked By: BP | Scale: 1" = 1" = 10'
Technician: LB | Date: 06-04-2026 | T-R-S: 74N-44W-04
Project No: 125.1319.010

Sheet D.1

NEBRASKA AVENUE WATER MAIN REHABILITATION

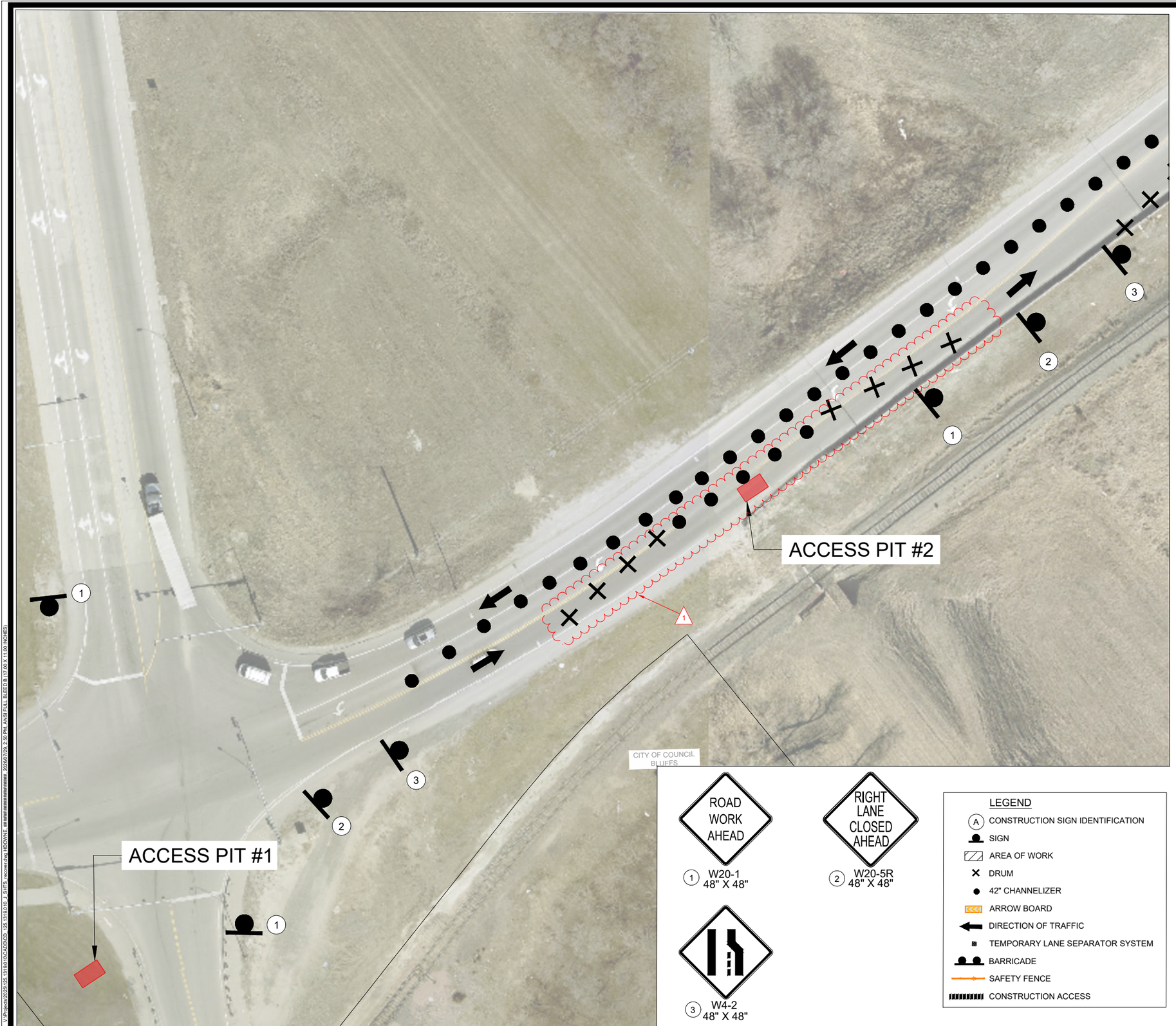
COUNCIL BLUFFS, IOWA

DETAILED SITE PLAN

SNYDER & ASSOCIATES, INC.
2727 S.W. SNYDER BLVD
ANKENY, IOWA 50023
515-964-2020 | www.snyder-associates.com

SNYDER & ASSOCIATES

Project No: 125.1319.010
Sheet D.1



TRAFFIC CONTROL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), AS ADOPTED BY THE IOWA DEPARTMENT OF TRANSPORTATION PER 761 IOWA ADMINISTRATIVE CODE, CHAPER 130.
2. FURNISH AND INSTALL ALL TRAFFIC CONTROL DEVICES AND MAINTAIN IN THE CORRECT POSITION. PROMPTLY CLEAN AND REPLACE DAMAGED TRAFFIC CONTROL DEVICES. PATROL THE WORK AREAS AS FREQUENTLY AS NEEDED TO ENSURE ALL TRAFFIC CONTROL DEVICES ARE PROPERLY SET.
3. CITY WILL REMOVE AND REPLACE THE EXISTING PERMANENT TRAFFIC CONTROL SIGNS LOCATED WITHIN THE LIMITS OF THE PROJECT IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL. NOTIFY THE CITY TRAFFIC OPERATIONS DEPARTMENT AT LEAST 72 HOURS PRIOR TO COMMENCING WORK ON THE PROJECT.
4. ALL TRAFFIC CONTROL SIGNS SHALL BE PLACED A MINIMUM OF FOUR (4) FEET CLEAR FROM THE FACE OF CURB OR A MINIMUM OF SIX (6) FEET CLEAR FROM THE TRAVELED WAY WHEN NO CURB IS PRESENT.
5. ALL SIGNS SHALL BE POST MOUNTED EXCEPT AS SHOWN ON TYPE III BARRICADES. ALL SIGN FACES SHALL BE RETROREFLECTIVE MEETING THE REQUIREMENTS OF ASTM-D4956 TYPE III (HIGH INTENSITY) OR GREATER REFLECTIVE SHEETING UNLESS OTHERWISE NOTED.
6. THE PROPOSED SIGNING MAY BE MODIFIED TO MEET FIELD CONDITIONS, PREVENT OBSTRUCTIONS AND ACCOMMODATE CONSTRUCTION SCHEDULING UPON APPROVAL OF THE ENGINEER.
7. ALL TYPE III BARRICADES SHALL HAVE TYPE "A" FLASHING LIGHTS. THE BACK SIDE OF THE BARRICADES SHALL BE REFLECTORIZED BY A MINIMUM OF SIX (6) YELLOW REFLECTORS ONE AT EACH END OF EACH RAIL.
8. TYPE "A" ROAD CLOSURE SIGNS SHALL BE INSTALLED IMMEDIATELY OUTSIDE OF THE PROJECT LIMITS, IF REQUIRED.
9. THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS IN WRITING WHOSE ACCESS MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. THE NOTICE SHALL INCLUDE A TELEPHONE NUMBER WHERE THE CONTRACTOR CAN BE REACHED 24 HOURS A DAY IN THE EVENT OF AN EMERGENCY. THE CONTRACTOR SHALL ALSO ATTEMPT TO VERBALLY CONTACT ALL PROPERTY OWNERS.
10. WHEN SIDEWALK SECTIONS ARE CLOSED DURING CONSTRUCTION ACTIVITIES IN THIS AREA, PROVIDE ADEQUATE PROTECTION FOR PEDESTRIANS. USE APPROPRIATE BARRICADING AND SIGNING. THESE DEVICES SHALL REMAIN IN PLACE DURING CONSTRUCTION ACTIVITIES. REOPEN TO PEDESTRIAN TRAFFIC AFTER CONSTRUCTION ACTIVITIES ARE FINISHED AT THE END OF THE DAY. COST FOR THE INSTALLATION AND MAINTENANCE OF THE DEVICES FOR SIDEWALK TRAFFIC CONTROL ARE CONSIDERED INCIDENTAL TO THE LUMP SUM BID FOR TRAFFIC CONTROL.
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15. MESSAGE BOARDS SHOULD BE PUT IN PLACE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION, WARNING OF THE UPCOMING CONSTRUCTION AND IDENTIFYING THIS AS A WATER WORKS PROJECT.

MARK	REVISION	DATE	BY
1	ADDENDUM NO. 1	7/30/2026	HD

Engineer: HD
Checked By: BP
Technician: LB
Date: 06-01-2026
Project No: 125.1319.01
T-R-S: 74N-44W-04
Sheet J.1

NEBRASKA AVE WATER MAIN REHABILITATION

TRAFFIC CONTROL

COUNCIL BLUFFS, IOWA

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SNYDER & ASSOCIATES

Project No: 125.1319.01

Sheet J.1

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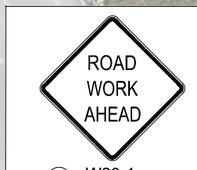


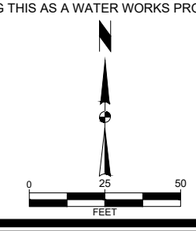
1 W20-1
48" X 48"

2 W20-5R
48" X 48"

3 W4-2
48" X 48"

LEGEND

- (A) CONSTRUCTION SIGN IDENTIFICATION
- SIGN
- AREA OF WORK
- DRUM
- 42" CHANNELIZER
- ARROW BOARD
- DIRECTION OF TRAFFIC
- TEMPORARY LANE SEPARATOR SYSTEM
- BARRICADE
- SAFETY FENCE
- CONSTRUCTION ACCESS



MARK	REVISION	DATE	BY
1	ADDENDUM NO. 1	7/30/2026	HD

Engineer: HD
Checked By: BP
Technician: LD
Date: 06-01-2026
T-R-S: 74N-44W-04
Project No: 125.1319.01
Sheet J.2

NEBRASKA AVE WATER MAIN REHABILITATION

TRAFFIC CONTROL

COUNCIL BLUFFS, IOWA

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Project No: 125.1319.01

Sheet J.2

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NEBRASKA AVENUE WATER MAIN REHABILITATION

PRE-LETTING CONFERENCE: VIRTUAL
July 28, 2026

I. INTRODUCTIONS

A. Owner, Council Bluffs Water Works

Point of Contact: Adam Weigman

B. Engineer, Snyder & Associates, Inc.

Point of Contact: Brett Paige

II. PROPOSALS

A. Time: Bids accepted until 10:00 a.m., August 11, 2026

B. Refer to Bidding Documents for submittal and bid opening information.

C. Non-SRF Project – Davis Bacon and American Iron and Steel requirements do not apply

D. Sales tax exemption forms available for the project

III. ADMINISTRATIVE

A. Start Date: Anticipated Notice to Proceed: October 2026

B. Complete all work by April 1, 2027.

C. Questions due July 31, 2026

IV. PROJECT DETAILS

A. Nature of project

a. The project includes the rehabilitation of approximately 1165 feet of deteriorated ductile iron water main and all appurtenances, utilizing water main liner.

B. Coordination with Others

a. City of Council Bluffs

b. One Liberty Warehouses - Ryan Brown rbrown@1liberty.com

c. Ameristar Casino

C. Review bid items

D. Sequencing

a. The project shall be completed in the following order as outlined in the project documents:

i. Installation of new gate valves near Access Pit #1.

ii. Complete cleaning and surface preparation.

iii. Install traffic control.

iv. Coordinate with CBWW for the temporary shutdown of flows.

v. Excavate access pits and complete installation of liner. No more than 2 access pits shall be allowed to be open at once.

vi. Backfill access pits and complete surface restoration.

vii. Coordinate with CBWW for reinstatement of flows.

E. Permits

a. Waste Profile at Loess Hills Regional Sanitary Landfill

i. The contractor is responsible for establishing and maintaining the waste profile for the project.

F. Cleaning and Surface Prep

a. Debris disposal

b. Liquid disposal - $50 per 1,000 gallons at Council Bluffs Water Pollution Control Plant

G. Available Water Connections (hydrants) – Near Access Pit #1 and 23rd Ave south of Access Pit #4

H. Water Main Liners

a. NSF 61 Certified for potable water

b. Products

c. Liner dimensions – internal ID fit to host pipe required.

I. Traffic Control

a. Message boards: 72-hours prior to construction.

J. Staging and Temporary Facilities

a. Any offsite warehouse or storage needs are the responsibility of the contractor to obtain.

b. Staging within the public ROW adjacent to the project site.

K. Access Pits

a. Number specified for bidding purposes. Contractor may utilize less if they choose.

b. Open duration limitation of 14 days, only 2 open at a time.

L. Testing and Acceptance

M. Notification Requirements

a. City of Council Bluffs

b. CBWW

N. Note 1 on Sheet C.1

> ALL WORK ON THE 16" TRANSMISSION MAIN, INCLUDING VALVE INSTALLATIONS, ALONG NEBRASKA AVENUE ARE TO BE PRE-APPROVED BY CBWW. THE EXACT TIMING OF THE WORK ON THE 16" MAIN WILL BE DICTATED BY THE CBWW AND MAY BE REQUIRED TO OVERNIGHT AT THE DISCRETION OF THE CBWW. THE CBWW SHALL BE GIVEN 7 DAYS NOTICE BEFORE ANY DISRUPTION OF THE 16" WATER MAIN OCCURS. THE 16" WATER MAIN SHALL BE KEPT LIVE AS MUCH AS POSSIBLE.

O. Addenda

a. Upcoming addendum No. 1 to include but not limited to pavement, traffic control, and valve items.

1. Summary

Meeting title	CBWW Nebraska Avenue Water Main Rehab - Pre-Letting Conference
Attended participants	17
Start time	7/28/26, 12:53:41 PM
End time	7/28/26, 1:30:20 PM
Meeting duration	36m 39s

2. Participants

Name	Email	Participant ID (UPN)	Role
Brett Paige	bpaige@snyder-associates.com	bpaige@snyder-associates.com	Organizer
Adam Wiegman	awiegman@CBWaterWorks.com	awiegman@CBWaterWorks.com	Attendee
Haley Downe	hdowne@snyder-associates.com	hdowne@snyder-associates.com	Presenter
Cary Shaw	cashaw@sakcon.com	cashaw@sakcon.com	Attendee
Matt Hirtz	mhirtz@sakcon.com	mhirtz@sakcon.com	Attendee
Mike Ambroziak	mike@amkaservices.com	mike@amkaservices.com	Attendee
Trey Stevenson	TStevenson@ECIConstructors.com	TStevenson@ECIConstructors.com	Attendee
Ted Skowron	ted.skowron@coreaqua.com	ted.skowron@coreaqua.com	Attendee
Monty Habrock	montyh@roloffinc.com	montyh@roloffinc.com	Attendee
Shane McFadden	SMcFadden@ECIConstructors.com	SMcFadden@ECIConstructors.com	Attendee
Colin Melton	colin@mmgonline.net	colin@mmgonline.net	Attendee
Laurie Andreski	landreski@azuria.com	landreski@azuria.com	Attendee
Donita Creek	DCreek@ECIConstructors.com	dcreek@eciconstructors.com	Attendee
Brian Cady	bcady@CBWaterWorks.com	bcady@cbwaterworks.com	Attendee
David Asay	dasay@advantagereline.com	dasay@advantagereline.com	Attendee
Brian Goad	bgoad@azuria.com	bgoad@azuria.com	Attendee
Luc Asay	luc@advantagereline.com	luc@advantagereline.com	Attendee

Nebraska Avenue Water Main Rehabilitation Project

Questions Received:

1. Dewatering is considered incidental. Without a geotechnical report, contractor will be taking on the risk of this. At the pre-bid meeting, it was discussed and the City has not experienced high water table in this area. However, it was stated that the river can influence this based on the season. Should we assume in our bid that groundwater will be below our work? Alternatively, please consider adding a dewatering allowance in the event that unusual weather conditions exist. – assume it is below the work.

2. Please confirm that there are no vertical bends on the 16" line to be rehabilitated. – CBWW knows of no bends on the water main affected by the project.

3. Please provide a profile of the water main on sheet C.1 or other. No water main plans for the existing main are available.

4. Please provide existing and proposed typical sections for pavement. – added to plans.

5. CBWW Note 4 – Please consider removing this note or adding clarity as to what could be expected. This can be accomplished by defining a number of abandonments that the contractor should consider as incidental to the work or provided an allowance line item in the bid schedule that would only be used if an abandoned pipe were to be encountered. It is impossible to assess this risk without more definition or information. Ok to remove note from plans.

6. CBWW Note 11 – In the event that Water Works needs to reschedule the work due to emergencies, the contractor will not be given additional compensation or additional working days. Due to the emergency not being able to be defined, the contractor will need to bid this risk into the estimate for downtime, possible demobilization, and acceleration of work schedule. Please consider removing this. These are standard CBWW notes that we use on all projects. CBWW feels this note is necessary.

7. CBWW Note 20 – Please consider removing this or adding in an allowance line item in the bid schedule that would only be used if a sanitary lateral were to be encountered. Existing sanitary as-built information is not provided in the plan set. The contractor cannot reasonably evaluate the cost of this without additional definition or information. Ok to remove note from plans.

8. CBWW Note 21 – Please consider removing this. There is no storm or sanitary work associated with this project nor is there any information provided related to storm or sanitary systems in the vicinity of the Work. Ok to remove note from plans.

9. CBWW Note 27 – Please consider removing this. The line being rehabilitated is in very poor condition. It can be safely assumed that this particular line may not be at optimum/typical operating pressure due to small leaks. Upon completion of the rehab after testing, we will be opening all valves. If the adjacent lines are in similarly poor condition, they could be affected by the rehabilitated line operating at optimum/typical operating pressure. These are standard CBWW notes that we use on all projects. CBWW feels this note is necessary.

10. Sheet D.1 – Detail 1/D.1 – The 8" line heading north out of the access pit #1 does not appear to have a gate valve beyond the tee. How will this line be isolated during the execution of the Work? – Valve near street light at intersection. This is a service line. Casino is end user.

11. Sheet J.1 – On the SW quadrant of River/Nebraska, we will need to close the sidewalk and partial lane around the radius. Please revise the traffic control plan to reflect this. – One lane of traffic each direction must be maintained during the project. Refer to Note 10, Sheet J.1 for sidewalk closure information.

12. What permits are required to be obtained by the contractor? What are the fees for these permits? – will need to determine fees yourself. Permit to haul debris.

13. Please confirm that RR flagging and watch persons will not be necessary. – no flagging needed.

14. Spec IB-5 – 14 Insurance – As written, the contractor will need to carry insurance for the project for two years after final completion of the project. This extended period has additional premium costs. Can the Contractor provide a warranty bond in lieu of the insurance requirements? Insurance is required.

15. Please confirm the correction period. Is it one or two years? Please refer to GC-2 "Correction Period, One Year" and GC-33 "Correction Period: 13.12" 2 years

16. Please confirm that subgrade prep/treatment will not be needed in the access pit restoration. Assumed underlying soils are sand. Without Geotech information, contractors will not be able to responsively know what is needed for this work other than to assume the worst. – detail added to plans with addendum.

17. Spec SS-17 – Division 9 – Please consider removing this. Contractor should be expected to maintain the seed for establishment - not weeds. The area should be under 300 SF of restoration. Ameristar Casino does appear to maintain their green areas well but not in this particular area. Weeds migrate very easily when adjacent areas are not treated with herbicide regularly which adds unnecessary costs for such a small area. Weed control is not part of plans or specs on this project.

18. Spec SP1-20 – States that temporary fire hydrants shall be installed and used for testing. Please confirm this. It would take longer to fill the line through a 2" tap but will be significantly less cost involved if we are able to test/flush through these at each end of the rehabilitated line. Flushing out of an existing hydrant would be acceptable.

19. Spec SP1-7 – Please confirm that Water Works will furnish and install tapping valves and tapping sleeves. Tapping valves and sleeves will not be needed on this project.

20. Spec SP1-15 – 9.12 – Please confirm that the contractor cannot work past December 1st. Also please provide the criteria for Spring restrictions or dates contractor can work. The contractor can work through the winter and spring.

21. Spec SP1-16 – 10.1.8 – Please confirm that the contractor cannot work past December 1st. Also please provide the criteria for Spring restrictions or dates contractor can work. The contractor can work through the winter and spring.

22. Spec SP1-32 – 20.3 – Please consider removing this. If quantities were to increase in this scope of work, the unit price for the proposed increase quantities may not apply to a different area due to several variables, means/methods, etc. No we will not remove this.

23. Will the valve closure near Access Pit #4 need thrust restraint during shutdown or is there another valve nearby that can be utilized? There is another valve located south, adjacent to the hydrant that can be utilized for temporary flow shutdown.

24. How will the water main being lined be isolated on the access pit #4? – See question #23 above.

25. Can it be clarified if the bidders are to assume the host pipe structure will support external loading for the duration of service? Yes

26. Will Flexible Reinforced Hose Pipe (FRPH) be allowed as an alternative? No

27. What is the maximum flow rate and operating pressure of this pipeline? up to 1,800 gpm, typical operating pressure up to 100 psi. Surge pressures can be higher.

28. What is the host pipe inside diameter? Is it consistent throughout or are there repair sections with differing diameters? ductile iron material throughout.

29. Are there any service laterals in the sections that are going to be lined? And will they need to be reinstated after the lining process? - no

30. I see that ASTM 1743 is noted for the pressure testing, will this standard be used for FFRP? AWWA C600
31. Can you send out a list of the prime/civil contractors that are bidding this project from your local knowledge base? CBWW does not have a list of preferred contractors.
32. Will post-rehab CCTV be required for FFRP liners? – if the lining technology may have wrinkles in the final liner, must be verified with CCTV.
33. If all pits are not needed, can contractors enter $0 amount for the not needed pits? – yes
34. Can more than 2 pits be opened at once? – Refer to Addendum No. 1, Sheet C.1, General Notes, Note 2.