

December 8, 2022

**Executive Council
State Capitol Building
Des Moines, IA
LOCAL**

Attn: Victoria Newton

Invoice Number: **64523037**
Tenant #: **EXEC00000001**
OSP Log #: **33230207**

Cost to repair ICN fiber in Fayette County **\$ 75,814.56**

**Along Neon Road between Highway 18 and 20th Street
West of Union, IA**

August 31, 2022

See attached detail

Net Amount Due:	\$ 75,814.56
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**~Payment Due Upon Receipt~
Please send a copy of this invoice with remittance.
Please remit payment within 30 days to:
Iowa Communications Network**

December 8, 2022

Ms. Victoria Newton
Executive Secretary
Executive Council of Iowa
State Capitol
LOCAL

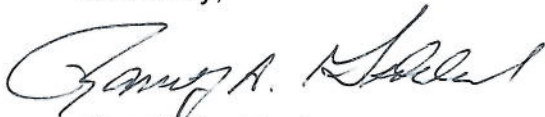
Re: Request for Additional Allocations of Funds

Dear Ms. Newton,

Request additional allocation of \$2,510.32 for the August 31, 2022 damage in Fayette County in addition to the previous amount allocated in the September 20, 2022 letter we sent (attached). Total allocation requested for this damage is \$75,814.56 based on the actual costs to repair this damage.

If you have any questions regarding this claim, please call my office at 515-725-4666 located in the Grimes State Office Building.

Sincerely,



Randy Goddard
Executive Director

Enclosures

cc: Office of Auditor of State (Tammy Hollingsworth)
ICN Operations Division (Dave Augspurger)
ICN Finance Division (Kammy McHone)

Randy Goddard, Executive Director

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319 Phone: 515-725-4692 icn.iowa.gov

IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION

November 10, 2022

Actuals for ICN Fiber Cable Damage: Outside Plant Log #33230207

This invoice is for the repair and relocation of a rodent damaged ICN fiber cable along Neon Rd between Highway 18 and 190th St in Fayette County. Inability to locate the existing cable led to investigation which found significant rodent activity throughout the area. It was determined the damaged ICN cable was the result of natural causes (rodent chew) and required replacement. Replacement required approximately 3.75 miles of new cable be installed between two existing splices. The span had a substantial number of existing maintenance splices and it was determined that adding additional splices could cause too much signal loss and, so, it was determined that relocating between existing splices would be the best course of action. As part of the relocation, the existing handholes had to be relocated to accommodate the County (right-of-way authority) and was completed as part of the overall work. The ICN notified the Executive Council of ICN's intent to submit this as a claim for reimbursement on August 31st, 2022

Actual costs for this project are listed below:

Construction Labor & material	\$52,500.00	
Splicing labor	\$3,500.00	
Handhole adjustment per County	\$5,000.00	
ICN-provided material	\$0.00	<i>\$ 14,814.56 km</i>
Total:	\$61,000.00	<i>\$ 75,814.56</i>

Please feel free to contact me if you have any questions.

David Augspurger
ICN Outside Plant Lead
515-725-4604
david.augspurger@iowa.gov

Randy Goddard, Executive Director

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319 Phone: 515-725-4692 icn.iowa.gov

IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION

Budget FY	Ref Doc Co	Ref Doc ID	Fund	Objct	Objct Desc	Appropriation	Vendor Cus Number	Customer Name	Doc Record Date	Posting Am	Trf Description	Check Number	Doc Accounting Line
2023	GAX	23JE02030	645	2700	2519	409	0	3093481 KRAMER SERVICE GROUP LLC	11/9/2022 0:00	52500	11/4/2022; LOG #: 33230207; INVOICE: 22-708; DATE: 11/4/2022; LOG #: 33230207; INVOICE: 22-709; DATE: 11/4/2022; LOG #: 33230207;	72219003	2
2023	GAX	23JE02030	645	2700	2519	409	0	3093481 KRAMER SERVICE GROUP LLC	11/9/2022 0:00	3500	INVOICE: 22-710; DATE: 11/9/2022; LOG #: 33230407;	72219003	1
2023	GAX	23JE02030	645	2700	2519	409	0	3093481 KRAMER SERVICE GROUP LLC	11/9/2022 0:00	5000	INVOICE: 22-710; DATE: 11/9/2022; LOG #: 33230407;	72219003	3
2023	GAX	23JE02034	645	9100	2673	501	0	2089541 Graybar Electric Co Inc	12/2/2022 0:00	5432	INVOICE: 9328255031; DATE: 09/27/2022; PO NBR: 009499-01; OS#833230207; COUNTRY: INVA; IN01057081	85759297	1
2023	GAX	23JE02020	645	9100	2673	501	0	2089541 Graybar Electric Co Inc	9/29/2022 0:00	14716.24	INVOICE: 9328255031; DATE: 09/27/2022; PO NBR: 009499-01; OS#833230207; COUNTRY: INVA; IN01057081	85705263	4
2022	GAX	22MB01399	645	9100	2673	501	0	2137753 Walker Group Inc	6/21/2022 0:00	132	PO 009305	85613506	1
										\$ 75,902.56			

IOWA COMMUNICATIONS NETWORK

CONSTRUCTION DRAWINGS FOR:
3.75 MILE CABLE RELOCATION OF ICN FIBER ALONG NEON RD FROM HWY 18 TO 190TH ST - WEST UNION, IA.
 (FAYETTE CO.)

PROJECT OVERVIEW:

EXISTING ICN CABLE IS UNLOCATABLE FOR A 2.25 MILE SECTION. THE CABLE WAS PLOWED INTO THE SHOULDER OF THE GRAVEL ROAD ALONG THE EAST SIDE OF NEON RD. NEW PROPOSED RELOCATION WILL EXTEND 3.75 MILES FROM EXISTING ICN HANDHOLES AT EACH END AND NEW CABLE TO BE PLACED ON THE WEST SIDE OF NEON RD.

RELOCATION WILL REQUIRE:

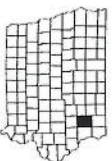
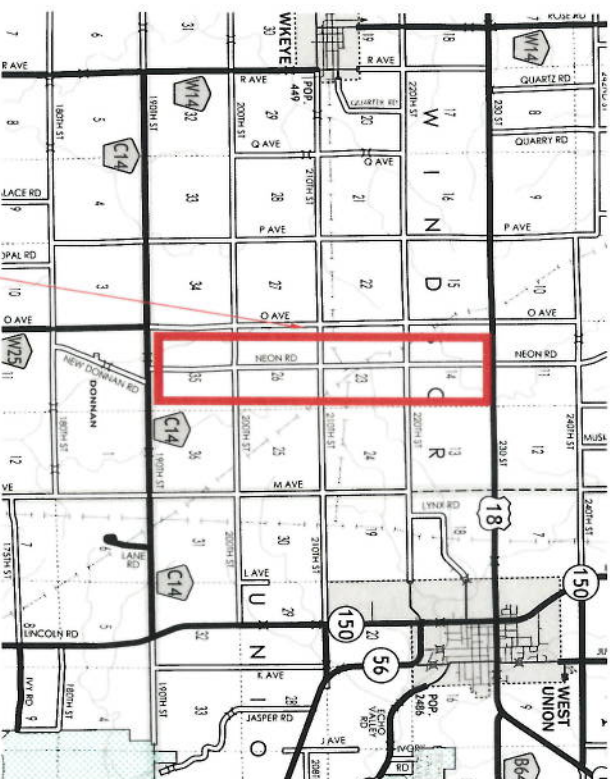
- RAISE OR STACK A TOTAL OF TWO (2) EXISTING ICN HANDHOLES TO GRADE AT EACH END OF THE PROJECT
- PLACEMENT OF A TOTAL OF 3.75 MILES (20000 - FT±) OF MIN OF 48 ARMORED CABLE BETWEEN EXTG. HANDHOLES
- ROUGHLY 12 CULVERTS WILL NEED TO BE BORED UNDER, CONTRACTOR TO REVIEW/VERIFY EXACT LOCATIONS
- COORDINATE WITH SPLICER TO MINIMIZE TIME TRENCH IS OPEN
- SECURELY FENCE OFF ANY OPEN TRENCHES
- AFTER SPLICING CUT-OVER, BACKFILL AND TAMP ALL EXCAVATED AREAS
- RESTORE RIGHT-OF-WAY PER DOT REQUIREMENTS, INCLUDING RE-SEEDING WHERE NEEDED
- CONTRACTOR TO SECURE PERMIT THROUGH FAYETTE COUNTY

NOTE: OBSERVE ALL DOT SAFETY REGULATIONS WHILE WORKING IN THE DOT RIGHT-OF-WAY (INCLUDING SAFETY APPAREL, WARNING SIGNS, WORK HOURS, ETC.)

CONTACTS*				
COMPANY	TYPE	NAME	PHONE	EMAIL
Iowa Communications Network (ICN)	OSP Engineer	Chris Harris	515-725-8825	chris.harris@iowa.gov
Iowa Communications Network (ICN)	ICN Materials	Paul Damage	515-725-4749	paul.damage@iowa.gov
Fiber Network Services (FNS)	Splicing Coordination	NOC OSP	515-725-7423	icnnoosp@iowa.gov

*THIS CONTACT LIST IS NOT ALL-INCLUSIVE. CONTRACTOR IS RESPONSIBLE FOR REQUESTING LOCATES OF ALL UTILITIES.

PROJECT LOCATION



SHEET INDEX	
1	TITLE PAGE (THIS SHEET)
2	ICN GENERAL NOTES
3	MATERIALS
4	CONSTRUCTION DRAWING
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IOWA ONE CALL
 1-800-292-9989
 www.onecall.com

GOPIER DAMAGE CABLE RELOCATION
 FAYETTE CO - ALONG NEON RD

ICN
 IOWA COMMUNICATIONS NETWORK
 400 EAST 5TH STREET
 GRANT STATE OFFICE BUILDING
 WEST UNION, IA 51655
 ICN: 515-725-4855

Handwritten blue text: 5000

STANDARD INSTALLATION REQUIREMENTS:

- GENERAL REQUIREMENTS:
 - THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES.
 - PROVIDE THE OWNERS OF ANY NATURAL GAS UTILITY 48 HOURS ADVANCE NOTICE THAT WORK IS SCHEDULED IN THE VICINITY OF THEIR LINESMAN'S SO THAT THEY CAN REMOVE STANDBY AND PROTECT SERVICES.
 - MAINTAIN PROOF OF NOTIFICATION TO AND RECEIPT OF NOTIFICATION BY THE GAS UTILITY.
 - PERMITS AND COORDINATION
 - SECURE ALL NECESSARY STATE AND LOCAL CITY, COUNTY, ETC., PERMITS, PUBLIC OR PRIVATE EASEMENTS, FACILITY PERMITS, USAGE PERMITS, AND ANY OTHER PERMIT REQUIRED BY AN AUTHORITY HAVING JURISDICTION (AHT).
 - ICM WILL OBTAIN AND PROVIDE COPIES OF IDOT PERMITS.
 - IF PERMITS ARE REQUIRED TO BE IN THE NAME OF THE OWNERS RATHER THAN THE CONTRACTOR, THE CONTRACTOR SHALL PREPARE THE PERMIT FOR THE OWNERS SIGNATURE.
 - COORDINATE INSTALLATION WITH ALL OWNERS AND ALLOW THE ROUTE, THE FIBER, RIGHT-OF-WAY AND BUILDINGS IN WHICH END POINTS WILL BE LOCATED.
 - FAILURE TO COORDINATE WITH THE AHT AND TO OBTAIN ALL NECESSARY PERMITS IS AT THE PERIL OF THE CONTRACTOR.
 - RIGHT-OF-WAY PERMIT FEES ARE AUTHORIZED EXTRA ABOVE THE QUOTED BID PRICE.
 - EXCAVATION PERMITS SHALL BE BY THE CONTRACTOR.
 - ENSURE THAT PERSONNEL WORKING IN THE ROW ARE EQUIPPED WITH AND USE PROPER SAFETY EQUIPMENT AND ATTIRE.
 - ALL TOOLS AND TEST EQUIPMENT REQUIRED TO DO A PROJECT SHALL BE PROVIDED BY THE CONTRACTOR OR ITS SUBCONTRACTOR(S). SECURITY OF TOOLS AND TEST EQUIPMENT SHALL BE THE RESPONSIBILITY OF EACH WORKER. THE ICM SHALL NOT BE RESPONSIBLE FOR THE SECURITY OF ANY PROPERTY LEFT ON ICN'S PROPERTY OR ON PROPERTY CONTROLLED BY THE ICN OR THE STATE OF IOWA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR INSTRUCTING ITS EMPLOYEES IN SAFETY MEASURES CONSIDERED APPROPRIATE FOR THE JOB. IN ADDITION, THE CONTRACTOR SHALL NOT PERMIT PLACING OR USE OF TOOLS OR MATERIALS IN TRAFFIC LANES OR OTHER LOCATIONS. THE TOOLS OR MATERIALS SHALL NOT BE PLACED IN SUCH A MANNER SO AS TO CREATE SAFETY HAZARDS TO STATE EMPLOYEES, CONTRACTING AGENCIES, EMPLOYEES, THE PUBLIC OR THEMSELVES.
 - EXCAVATIONS AND TRENCHES: THE ICN REQUIRES ALL OPEN EXCAVATIONS OR TRENCHES TO BE MONITORED AND ATTENDED TO DURING CONSTRUCTION PER THE ICN REQUIRES ALL OPEN EXCAVATIONS AND TRENCHES BE BACKFILLED THE SAME DAY. IF THE CONTRACTOR IS REQUIRED TO LEAVE AN EXCAVATION OPEN, THEN THE CONTRACTOR SHALL OPERATELY FENCE AROUND EXCAVATION FOR EACH DAY. CONTRACTOR SHALL FOLLOW ALL OSHA REQUIREMENTS FOR EXCAVATION AND TRENCH SAFETY.
 - ALL SUBCONTRACTORS SHALL COMPLY WITH ALL OSHA REGULATIONS. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STATE AND FEDERAL LAWS.
 - CONTRACTOR SHALL COMPLY WITH ALL IOWA ONE CALL REQUIREMENTS AS PROVIDED BY IOWA CODE CHAPTER 480.
 - PROVIDE ALL LABOR AND SUPERVISION FOR THE PROJECT.
 - PROVIDE AND INSTALL MATERIALS NEEDED TO RESULT IN A FULLY FUNCTIONAL SYSTEM MEETING ICN STANDARDS, WHETHER OR NOT THE MATERIALS OR METHODS ARE SPECIFICALLY MENTIONED IN THIS DOCUMENT. SEE THE LIST OF ICM-FURNISHED MATERIALS.
 - INSTALL CABLE ROUTE MARKERS FURNISHED BY ICN, WHERE POSSIBLE. INSTALL MARKERS ADJACENT TO POLES, BUILDINGS OR IN OTHER PROTECTED AREAS.
 - A COPY OF THIS SCOPE OF WORK AND THE ENGINEERING PLAN FOR THIS PROJECT SHALL BE ON SITE AND AVAILABLE ANY TIME WORK IS BEING PERFORMED. FAILURE TO HAVE THE REQUIRED DOCUMENTS ON SITE MAY RESULT IN ICN REQUIRING THE CONTRACTOR TO STOP WORKING UNTIL THE REQUIRED DOCUMENTS ARE ON-SITE.
 - SUBCONTRACTORS SHALL MEET THE SAME QUALIFICATIONS STATED FOR CONTRACTORS. CONTRACTOR SHALL OBTAIN APPROVAL OF THE CONTRACTING AGENCY'S PROJECT MANAGER PRIOR TO USING A SUBCONTRACTOR ON ANY PROJECT.
 - RESTORE ALL DAMAGE TO PRIVATE PROPERTY, RIGHT-OF-WAY, ICN PROPERTY, AND ANY OTHER PROPERTY DAMAGED IN THE COURSE OF THE WORK.
 - ANY PUBLIC RIGHT OF WAY IN AN INDIVIDUAL'S YARD OR IN A PRIVATE MAINTAINED AREA OF THE PUBLIC RIGHT OF WAY IN THE AREA BETWEEN THE SIDEWALK AND THE STREET CURB) MUST BE RESTORED THROUGH RE-SODDING. ANY DISRUPTION OF THE GRASS IN THE MEDIAN WAY OR AN UNIMPROVED SHOULDER MUST BE RESTORED EITHER THROUGH RE-SODDING OR RE-SEEDING AS REQUIRED BY THE ROW OWNER.
 - AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.
 - DIRT SHALL BE MECHANICALLY COMPACTED AROUND HANDHOLES AND PITS.
 - LAWNS SHALL BE SOODED WITH LIVE GRASS.
 - CONTRACTOR IS RESPONSIBLE FOR WATERING THE SOD UNTIL IT HAS KNITTED TO THE GROUND BENEATH.
 - ALL DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION AREAS INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, TRASH, LARGE OBJECTS OR STONES WITH BACKFILLED AREAS, ETC.

DUCT INSTALLATION REQUIREMENTS:

- HOPE DUCT SHALL BE NO LESS THAN 48 INCHES DEEP.
- DUCT SHALL BE INSTALLED IN THE PUBLIC RIGHT-OF-WAY.
- WHEN CROSSING A HIGHWAY IN DUCT RIGHT-OF-WAY, DUCT SHALL BE NO LESS THAN 48 INCHES BELOW SHOULDER UNDER THE ROADWAY AND SHOULDERS. HOPE MAY BE USED UNDER THE ROADWAY AND SHOULDERS IF INSTALLED AT A MINIMUM DEPTH OF 48".
- SHOULD BE NECESSARY TO CROSS PRIVATE PROPERTY, THE CONTRACTOR MAY APPLY TO THE ICN FOR AN EXCEPTION, AND REQUEST PERMISSION TO SECURE THE EASEMENT THROUGH BY A LEAD SURVEYOR LICENSED IN THE STATE OF IOWA. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES, UNLESS PREVIOUSLY AUTHORIZED BY THE ICN.
- AT THE CONCLUSION OF THE PROJECT, REMOVE AND LEAVE A PULL ROPE IN ALL DUCTS. CONDUITS AND PATHWAYS INCLUDING INDOOR, OUTDOOR, NEW AND EXISTING.
- DIRT SHALL BE MECHANICALLY COMPACTED AT ALL DUCT SPICES, BORE PITS AND AROUND HANDHOLES.
- GROUND SHALL BE RESTORED TO THE CONDITION FOUND PRIOR TO CONSTRUCTION AND DEBRIS REMOVED PRIOR TO SOODING OR SEEDING.
- ALL CONDUITS SHALL BE PLUGGED VIA DUCT SEAL, OR OTHER METHOD UPON COMPLETION OF CABLE INSTALLATION.
- IF SCHEDULE 40 PVC CONDUIT IS UTILIZED, ALL ANGLES 45, 90 DEGREE OR OTHER REQUIRE FITTINGS TO THE CONDUIT SWEEP TO ACCOMMODATE MINIMUM CABLE BEND RADII'S.
- THE ICN REQUIRES PICTURES BY THE CONTRACTOR AND/OR ON-SITE INSPECTION BY ICN STAFF PRIOR TO COMPLETION OF THE PROJECT WHERE PIPE AND FITTINGS ARE NOT EXPOSED, I.E. UNDERGROUND, BEHIND A WALL, ETC.

HANDHOLE REQUIREMENTS:

- INSTALL HANDHOLES SO THAT THE UD IS LEVEL AND FLUSH WITH THE SURROUNDING NATURAL GRADE. THE UD SHALL NOT EXTEND ABOVE THE SURROUNDING NATURAL GRADE.
- PROVIDE 1/2" OPENING HARDWARE CLOTH-TYPE SCREEN WIRE BELOW THE HANDHOLE.
- PROVIDE 24 INCHES OF 3/4" CRUSHED ROCK BELOW THE HANDHOLE. ROCK SHALL BE COMPACTED NOT USE PEA GRAVEL OR OTHER ROUND STONE.
- DO NOT PLACE GRAVEL INSIDE HANDHOLE ABOVE THE HARDWARE CLOTH.
- CONDUIT SHALL EXTEND A MINIMUM OF 6" ABOVE THE HARDWARE CLOTH/GRAVEL.
- FAILURE OF THE CONTRACTOR TO INSTALL HANDHOLES AS SPECIFIED WILL CAUSE THE CONTRACTOR TO RETURN AND REINSTALL THE HANDHOLE ACCORDING TO THIS SPECIFICATION BEFORE PAYMENT FOR THE PROJECT IS MADE.
- HANDHOLE INSTALLATIONS SHALL FOLLOW ICN STANDARD TYPICAL INSTALLATION, SEE TYPICAL DRAWING.

FIBER INSTALLATION REQUIREMENTS:

- INSTALL FIBER ACCORDING TO INDUSTRY "BEST PRACTICES".
- THE CONTRACTOR SHALL NOT VIOLATE THE MANUFACTURER'S MINIMUM INSTALLATION BEND RADII'S WHEN THE CABLE IS UNDER TENSION, OR THE MINIMUM INSTALLED BEND RADII'S.
- TO PREVENT EXCEEDING THE MANUFACTURER'S MAXIMUM PULLING TENSION DURING INSTALLATION OF THE FIBER OPTIC CABLE, THE CONTRACTOR SHALL USE A "BREAKAWAY" PULLING SWIVEL WHEN INSTALLING CABLE.
- THE "BREAKAWAY" FUNCTION SHALL ACTIVATE AT OR BELOW THE MAXIMUM PULLING TENSION SPECIFIED BY THE CABLE MANUFACTURER.
- THE CONTRACTOR SHALL TEST ALL STRANDS OF THE FIBER ON THE REEL, PRIOR TO BEGINNING FIBER INSTALLATION. CONFIRM THAT ALL STRANDS MEET MANUFACTURER'S LOSS SPECIFICATIONS.
- THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION.
- SLACK LOOPS IN HANDHOLES SHALL BE COILED, INSTALLED AND SECURED TO AVOID DAMAGE TO THE COIL AND NOT INTERFERE WITH LIDS.
- SLACK LOOPS AT SPICES SHALL BE COILED TO MATCH THE EXISTING FIBER CABLE TAILS AND ALLOWANCE FOR SPICE PREPARATION.
- ICN FIBER IN ALL HANDHOLES SHALL BE LABELED WITH ICN TAGS AROUND CABLE TAGS OR OTHER LABELED CABLE TAGS.
- BUILDING ENTRY REQUIREMENTS
 - WEATHER-SEAL ALL PENETRATIONS.
 - USE MORTAR OR SIMILAR CEMENT TO SEAL PENETRATION OF BRICK OR CEMENT BLOCK.
 - FIRESTOP PENETRATIONS OF ANY FIRE-RATED FLOOR, WALL OR CEILING.
 - REPLACE THE FIRESTOP MATERIAL IN ANY EXISTING FIRESTOPPED PENETRATION USED BY THE CONTRACTOR.
 - ALL OUTDOOR CONDUITS OF ANY LENGTH SHALL BE GALVANIZED IRON PIPE (GIP), EXIT PVC AND PLASTIC ARE PROHIBITED.
 - WHERE TEL UPON INSTALLATION, SEAL THE ENDS OF ALL DUCTS WITH DUCT SEAL OR EXPANSION FOAM TO PREVENT SEEPAGE OR FILLING WITH MOISTURE. THIS APPLIES TO BOTH NEW AND EXISTING DUCTS.
 - AT THE CONCLUSION OF THE PROJECT, ENSURE THAT A PULL ROPE IS LEFT IN ALL PATHWAYS BOTH INSIDE AND OUTSIDE, NEW AND EXISTING.

LOCATE FACILITY REQUIREMENTS:

- TRACER WIRE SHALL BE CONTINUOUS.
- SPICES IN THE TRACER WIRE ARE NOT ALLOWED. IF TRACER WIRE IS ACCIDENTALLY SEVERED, REQUEST PERMISSION FROM ICN TO SPICE.
- WIRE SPICES ONLY IN HANDHOLES.
- USE EITHER AN EPOXY SPICE WIT SCOTCH 3M 3931 OR A MOLEX PERMASEAL BUTT SPICE. 10-12 GA. SPICE MATERIALS SHALL BE DESIGNED FOR UNDERGROUND APPLICATIONS.
- LEAVE THE WIRE SPICE VISIBLE IN THE HANDHOLE.
- ROUTE TRACER WIRE FROM THE GROUND INSIDE THE BUILDING, THROUGH THE ENTRY TO THE TR 163 TERMINAL.
- SECURE ALL RISER CONDUITS WITH 3 EACH TWO-HOLE CONDUIT STRAPS.
- WIRE THE PEDESTAL/TERMINAL SO THAT LOCATES MAY BE PERFORMED IN ANY DIRECTION AND FROM THE P&E END.
- DO NOT LEAVE ANY EXPOSED TRACER WIRE OR GROUND WIRE.
- PERMANENTLY GROUND THE TRACER WIRE AT THE HANDHOLE ON THE FURNISHED GROUND ROD.
- AT THE CONCLUSION OF THE PROJECT LEAVE THE TRACER WIRE SHIELD SORTED TO GROUND IN THE LOCATE TERMINAL.
- USE TRACER WIRE THAT IS RATED FOR DIRECT BURIAL WHERE REQUIRED. TRACER WIRE SHALL BE #12 AWG. SOLID IPE CCS 30 MIL HOPE HIGH FLEX TRACER WIRE EITHER SOLID COPPER OR COPPER CLAD STEEL.
- LABEL ALL WIRES IN THE LOCATE TERMINAL/PEDestal/REVIEW (I.E. "GROUND", "FACING DMACC", "FACING NORTH", ETC).
- FAILURE TO LABEL THE LOCATE WIRES WILL CAUSE THE CONTRACTOR TO RETURN AND PROPERLY LABEL THE WIRES BEFORE PAYMENT FOR THE PROJECT IS MADE.
- BOND TRACER WIRE(S) WITHIN SPICE ENCLOSURES UTILIZING A 3M LABADDED SHIELD BONDING KIT.
- ROUTE TRACER WIRE(S) OUT OF SPICE ENCLOSURE THROUGH A SINGLE PORT UTILIZING A FECS CLOSURE SEALING KIT.
- AT SPICE LOCATIONS WITH NO LOCATE PEDESTAL, TRACER WIRES SHALL BE BONDED TOGETHER WITHIN THE SPICE ENCLOSURE.
- AT EACH END OF ANY TRACER WIRE, USE APPROPRIATE SIZED RING TERMINAL, CRIMP CONNECTORS USING APPROPRIATE CRIMP TOOL, OR CREATE A WIRE EYELET AS PER TYPICAL INSTALLATION OF TRAVELER LOCATE PEDESTAL DETAIL.

DELIVERABLES/ACCEPTANCE:

- CONTRACTOR SHALL PROVIDE CONSTRUCTION REDLINE AS-BUILTS WITH:
 - OFFSETS TO FIXED OBJECTS TO THE CABLE/CONDUIT RUNNING LINE, HANDHOLES AND NEW FACILITIES.
 - METER MARKS OF CABLE INSTALLATIONS AT HANDHOLE ENTRY/EXIT, SPICE LOCATIONS, BUILDING ENTRIES, ETC.
 - DEPTHS OF CABLE AND/OR CONDUIT INSTALLATION.
 - ONE ORIGINAL SET OF AS-BUILT DRAWINGS MUST BE PROVIDED WITHIN TWO (2) WEEKS AFTER COMPLETION OF CONSTRUCTION FOR THE ICN. MANAGEMENT RECORDS. REDLINE AS-BUILT DRAWINGS MUST BE COMPLETE.
 - CONTRACTOR SHALL PROVIDE SPICING REDLINE OF ALL SPICING COMPLETED AND VALIDATION THAT THE SPICE PLAN WAS FOLLOWED.
 - CONTRACTOR IS RESPONSIBLE TO LOCATE FIBER UNTIL ACCEPTANCE BY THE ICN. ACCEPTANCE INCLUDES:
 - SUBMISSION OF CONSTRUCTION AND SPICING RED LINE DRAWINGS BY CONTRACTOR.
 - ASSIGNMENT OF LINK NUMBER BY THE ICN (IF APPLICABLE).
 - SUBMISSION OF FINAL AS BUILT DRAWING BY THE ICN TO THE ICN NETWORK MAINTENANCE PROVIDER.
 - SUBMISSION TO IOWA ONE CALL AND THE ICN NETWORK MAINTENANCE PROVIDER'S CONTACT LOCATOR.
 - THE MEASUREMENTS IN THE STATEMENT OF WORK ARE ESTIMATES AND NEED TO BE VERIFIED BY THE CONTRACTOR.
 - ONLY WRITTEN MODIFICATIONS TO THIS SCOPE OF WORK ARE BINDING. "VERBAL" CHANGES TO THIS SCOPE OF WORK BY ANY PERSON OR PERSONS ARE NOT BINDING, UNLESS CONFIRMED IN WRITING.
 - FINAL PAYMENT WILL NOT BE PROCESSED UNTIL ALL DELIVERABLES ARE RECEIVED AND ACCEPTED.

FILE NO: IOWA PROJECTS/WORKS/Fayette County_1320207 - Under Location Section of Code Along Neon Rd Between 230th St & 300th St - West Union, IOWA RELO PLANS_1320207 - TITLE PAGE.dwg

DATE: 05/11/2017 10:10 (167)

SCALE: NONE

SECTION: 11 x 17

ICN GENERAL NOTES

1-800-292-9899

IOWA ONE CALL

www.iowaonecall.com

GOOPER DAMAGE CABLE RELOCATION
FAYETTE CO - ALONG NEON RD

ICN IOWA COMMUNICATIONS NETWORK
409 EAST 17TH STREET
DES MOINES, IOWA 50319
ICN IOWA COMMUNICATIONS NETWORK

ICN IOWA COMMUNICATIONS NETWORK

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P. 3085

ITEM	ICN PART NUMBER	QTY	NOTES
ICN PROVIDED MATERIALS			
48 strand Armored SM fiber		21,000'	
450A (w/ft lgt) FOSC450-A4-4-NT-0-A1V CLOSURE W/ GROUNDING & STD BSKFOR LT FIB	FOSC450-A4-4-NT-0-A1V	2	Spok 16m
A TRAY 12 FOSC-ACC-A-TRAY-12 TRAY WITH 12 FUSION SPLICE HOLDER	497817-000	4	BS case
FOSC Closure Sealing Kit FAK-MULDRP-4S-4P/CBL-ATT	1F6818-000	2	
3M Scotchlok Shield Bond Connector 4460-D	4460-D	4	
CONTRACTOR PROVIDED MATERIALS*			
HDPE Conduit (13.5 SDR)	See (2", 1.25" etc)	X	1200'

ESTIMATE OF QUANTITIES		
ITEM NO./ITEM	UNIT	PLANNED TOTAL
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

NOTE ON HDPE CONDUIT AND SPLICES:

1. HDPE SHALL BE ORANGE SMOOTH WALL SDR 13.5
2. DUCT SPLICES SHALL BE MADE OF THE FOLLOWING (IN ORDER OF PREFERENCE)
 - ELECTROFUSION
 - CRIMP ON
 - CLAMP ON / BOLT ON (SPLIT COUPLINGS)
 - PUSH ON

3. **ALL SPLICES SHALL BE AIR AND WATER TIGHT**
4. DUCT SPLICES SHALL BE OF A TYPE MADE SPECIFICALLY FOR JOINING HDPE CONDUIT
5. ALL DUCT SPLICES SHALL BE MADE IN SUCH MANNER AS TO ALLOW CONTINUOUS PULLING OF CABLE THROUGH DUCT.

NOTE ON OSP FIBER CABLE

Single Mode, Single Armor, Gel Free, Loose Tube OSP cable (12-strand minimum, refer to Materials)
 Tensile Strength: 600 lb short term
 Attenuation: 0.35/0.25 dB at 1310/1440 nm

NOTE ON HANDHOLE(S):

Poly (Bulk, e.g.) 24"x36"x36" Tier 22
 Polymer Concrete (Quazite, New Basis, Martin, e.g.) 24"x36"x30" Tier 15

NOTE ON CONTRACTOR PROVIDED MATERIAL(S):

Contractor shall supply all other materials required for proper installation, including but not limited to: HDPE, Duct Splices, Grounding and Tracer Wires, Rock, Wire Mesh, etc.

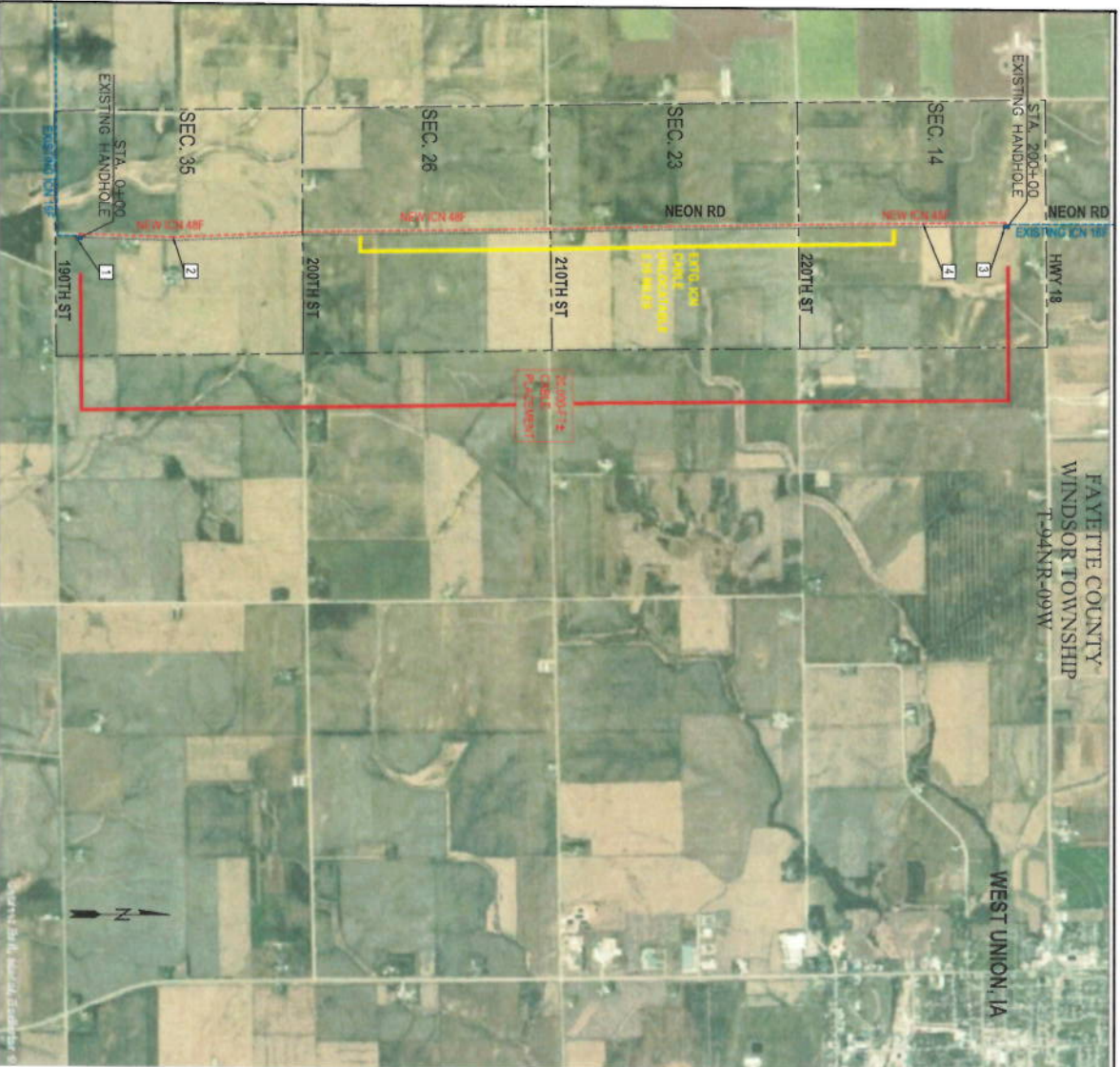
ANY EXCEPTIONS MUST BE AGREED UPON IN WRITING PRIOR TO CONSTRUCTION.



GOPHER DAMAGE CABLE RELOCATION
 FAYETTE CO - ALONG NEON RD

IOWA COMMUNICATIONS NETWORK
 405 EAST 4TH STREET
 GRAMES STATE OFFICE BUILDING
 IOWA CITY, IA 52242-1001
 IOWA CITY, IA 52242-1001

P. 4065



NOTES:

- ***EXISTING ICN FIBER IS UNLOCATABLE ON THE EAST SIDE OF NEON RD FOR OVER 2 MILE SECTION. NEW CABLE TO BE PLACED ON WEST SIDE OF NEON RD.***
- 1. 0+00: EXISTING ICN HANDHOLE TO BE RAISED OR STACKED TO GRADE. (SPLICE POINT)
- 2. 0+00: START/END CABLE PLACEMENT OF NEW ICN 48F FROM EXISTING HANDHOLE ON EAST SIDE OF NEON RD. NEW CABLE TO BE SWUNG OVER TO WEST SIDE OF NEON RD DUE TO UNLOCATABLE EXIST. FIBER SECTION.
- 3. 200+00: EXISTING ICN HANDHOLE TO BE RAISED OR STACKED TO GRADE. (SPLICE POINT)
- 4. 200+00: START/END CABLE PLACEMENT OF NEW ICN 48F FROM EXISTING HANDHOLE ON EAST SIDE OF NEON RD. NEW CABLE TO BE SWUNG OVER TO WEST SIDE OF NEON RD DUE TO UNLOCATABLE EXIST. FIBER SECTION.

*ALL CULVERTS WILL NEED TO BE BORED UNDER. THERE IS APPROX. 12 CULVERT CROSSINGS.
 TOTAL DISTANCE IS 3.75 MILES FROM EXISTING HANDHOLE TO EXISTING HANDHOLE

- CONDUIT NOTES:**
- HDPE SHALL BE ORANGE SMOOTH WALL SDR 13.5, MINIMUM 1.25-IN

- CABLE NOTES:**
- STA. 0+00 TO STA. 200+00: CABLE PLACEMENT OF A NEW 48 ARMORED CABLE. LEAVE 100-FT COILS IN EACH HANDHOLE

LEGEND

- EXISTING ICN FIBER
- TO BE ABANDONED
- PROPOSED ICN FIBER
- EXISTING ICN HANDHOLE

CONSTRUCTION DOCUMENT

GOPHER DAMAGE CABLE RELOCATION		ICN	
FAYETTE CO - ALONG NEON RD		IOWA COMMUNICATIONS NETWORK	
1	CABLE RELOCATION	9-1-22	DES MOINES IOWA 50319
2			GRANDS STATE OFFICE BUILDING
3			ICN / SDR 13.5 WALL
4			CONSTRUCTION

5905 p.

INVOICE



Kramer Service Group, LLC

P.O. Box 71

Weyerhaeuser, WI 54895

RECEIVED
By ICN Accounts Payable at 7:32 am, Nov 07, 2022

BILL TO: ICN Finance
 400 East 14th St
 Des Moines, IA 50319

Date: 11-04-2022
Invoice # 22-710
Project # 33230407

DESCRIPTION	FT	RATE	AMOUNT
HH Adjustments	2.00	2500.00	\$ 5,000.00
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
SUBTOTAL			\$ 5,000.00
TAX RATE			
SALES TAX			-
OTHER			
TOTAL			\$ 5,000.00

Make all checks payable to: Kramer Service Group, PO box 71, Weyerhaeuser WI, 54895
Total due in 30 days.



600 EAST 4TH ST
DES MOINES IA 50309-1848

INVOICE

Invoice Questions Please Call or Email

515-447-4500 or ARQuestions@graybar.com

Invoice No: 9329255031
Invoice Date: 10/20/2022
Account Number: 0000111107
Account Name: IOWA COMMUNICATIONS NETWORK

Received by ICN Friday, Oct. 21, 2022 at 1:49pm

Remit Payments To:

GRAYBAR ELECTRIC COMPANY, INC.
12437 COLLECTIONS CENTER DRIVE
CHICAGO IL 60693-0124

IOWA COMMUN NETWORK: ACCTS PAYABLE
GRIMES BUILDING
400 E 14TH ST
DES MOINES IA 50319-9000

Ship to:
IOWA COMMUNICATIONS NETWORK
GRIMES STATE OFFICE BUILDING
400 E 14TH ST
DES MOINES IA 50319-9000

PO #: 009499-01 SO#: 380152246

Del. Doc. #:	PRO #	Routing	Date Shipped	Shipped From	F.O.B.	Rt. To
8045213785		Counter Order	10/20/2022	DES MOINES, IA	S/P - F/A	

Signed/Ordered by: PAUL DAMGE/Sheri Stephens

Quantity	Catalog # / Description	Unit Price / Unit	Amount
4	FOSC-ACC-A-TRAY-12-KIT COMMSCOPE TECHNOLOGIES LLC FOSC-ACC-A-TRAY-12-KIT 497817-000	13.58 / 1	54.32
<p>Important Notice (or Fraud Protection Alert): Graybar will never ask for your banking information via email. Please contact your Graybar financial manager immediately if you receive an email containing wire transfer instructions or requesting banking information. To learn more, visit www.graybar.com/fraud-protection</p> <p>00002089641 PO NBR 009499-01 LOG: 33230207 COUNTY: FAYETTE AFE: 1784 ZONE: NE EXECUTIVE COUNCIL (BILLABLE) B#164662 R#182896</p>			



PAY INVOICES QUICKLY and EASILY ONLINE!

Use our customer portal for all your account needs. Make payments, obtain invoice copies, find proof of deliveries and more! Registering is easy. Contact your local branch or visit billpay.graybar.com to sign up.

Terms of Payment Net 30 Days As a condition of the sales agreement, a monthly service charge of the lesser of 1-1/2% or the maximum permitted by law may be added to all accounts not paid by net due date. Visa, MasterCard, American Express, and Discover credit cards are accepted at point of purchase only.	Sub Total	54.32
	Freight	0.00
	Handling	0.00
	Tax	0.00
	Total Due	54.32

SUBJECT TO THE STANDARD TERMS AND CONDITIONS LISTED ON WWW.GRAYBAR.COM.



600 EAST 4TH ST
DES MOINES IA 50309-1848

INVOICE

Invoice Questions Please Call or Email

515-447-4500 or ARQuestions@graybar.com

Invoice No: 9328893698
Invoice Date: 09/27/2022
Account Number: 0000111107
Account Name: IOWA COMMUNICATIONS NETWORK

Remit Payments To:

GRAYBAR ELECTRIC COMPANY, INC.
12437 COLLECTIONS CENTER DRIVE
CHICAGO IL 60693-0124

Ship to:
IOWA COMMUNICATIONS NETWORK
GRIMES STATE OFFICE BUILDING
400 E 14TH ST
DES MOINES IA 50319-9000

RECEIVED

By ICN Accounts Payable at 7:58 am, Sep 28, 2022

IOWA COMMUN NETWORK: ACCTS PAYABLE
GRIMES BUILDING
400 E 14TH ST
DES MOINES IA 50319-9000

PO #: 009499-01 SO#: 380152246

Del. Doc. #:	PRO #	Routing	Date Shipped	Shipped From	F.O.B.	Rt. To
8044828362	109758957	N & M Transfer Co., Inc.	09/26/2022	ZONE-JOLIET, IL	S/P - F/A	

Ordered by: Sheri Stephens

Quantity	Catalog # / Description	Unit Price / Unit	Amount
20888	S-OP-48-LA-A-3E-BK-AUH-CUT REEL PRYSMIAN CABLES AND SYSTEMS USA LLC F-EDH1A1J-12-HB-048-E3	69.05 / 100	14,423.16
Del. Doc. #: 8044827991	PRO # PAUL	Date Shipped 09/27/2022	Routing Counter Order
Signed For By:		F.O.B. S/P - F/A	Shipped From DES MOINES, IA
2	FOSC450-A4-4-NT-0-A1V COMMSCOPE TECHNOLOGIES LLC FOSC450-A4-4-NT-0-A1V A08617-000	143.38 / 1	286.76
4	80610414866 CORNING OPTICAL COMMUNICATIONS 4460-D SHIELD CONNECTOR 00002089641 PO NBR: 009499-01 LOG: 33230207 COUNTY: FAYETTE AFE 1784 ZONE NE EXECUTIVE COUNCI (BILLABLE) B# 164385 R# 182070	1.58 / 1	6.32



PAY INVOICES QUICKLY and EASILY ONLINE!
 Use our customer portal for all your account needs. Make payments, obtain invoice copies, find proof of deliveries and more! Registering is easy. Contact your local branch or visit billpay.graybar.com to sign up.

Terms of Payment	Sub Total	14,716.24
Net 30 Days	Freight	0.00
As a condition of the sales agreement, a monthly service charge of the lesser of 1-1/2% or the maximum permitted by law may be added to all accounts not paid by net due date. Visa, MasterCard, American Express, and Discover credit cards are accepted at point of purchase only.	Handling	0.00
	Tax	0.00
	Total Due	14,716.24

SUBJECT TO THE STANDARD TERMS AND CONDITIONS LISTED ON WWW.GRAYBAR.COM.



Invoice # IN01057081

Invoice Date: April 28, 2022
Customer Number: 07090039
Order Number: S010744224
PO Number: 009305
Reference #:
Original Invoice: IN01057081
Prior Adjustment:
Payment Terms: Net 60
Due Date: June 27, 2022

Please Remit To:
Walker and Associates Inc.
Dept 720078
PO Box 1335
Charlotte, NC 28201-1335
USA

RECEIVED
By ICN Accounts Payable at 8:34 am, May 02, 2022

Sold To:
IOWA COMMUNICATIONS NETWORK
400 E 14TH ST
Des Moines IA 50319
USA

TOTAL DUE: \$132.00

LINE NO	PART NO.	WAREHOUSE	QTY	PRICE	EXTENDED PRICE
1	Walker Part #: 1F6818-000 Mfg Part #: FAK-MULDRP-45-4P/CBL-ATT Description: FAK-MULDRP-45-4P/CBL FOSC45	NC	6	\$22.00EA	\$132.00

Shipped To:
IOWA COMMUNICATIONS NETWORK
400 EAST 14TH STREET
GRIMES STATE OFFICE BLDG
Des Moines, IA 50319

2 @ \$22.00 = \$44.00

<u>TRACKING NO</u> 1Z2047060312662561	<u>CARRIER</u> UPS	<u>SERVICE TYPE</u> GND
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Bill Notes:
44220405 NEW LONDON CLINIC
AFE 1731/REQ0029737 TIM F

00002137753
OSP 44220405 NEW LONDON CLINIC
AFE 1731
REQ0029737
ONE WAS ORDERED, VENDOR
MISTAKENLY ENTERED QTY 10, HAS
SHIPPED 6. THEY WILL BE USED SO
ARE BEING KEPT.
B# 163782 R# 180126

For billing inquiries contact:
Lissa Woodward
lissa.woodward@walkerfirst.com
or call: 800-472-1746

Subtotal: ~~\$132.00~~
Des Moines City Tax 00%: \$0.00
Iowa State Tax 6%: \$0.00
Polk County Tax 1%: \$0.00

TOTAL DUE: \$132.00

September 20, 2022

Ms. Victoria Newton
Executive Secretary
Executive Council of Iowa
State Capitol
LOCAL

Re: Emergency Allocations of Funds

Dear Ms. Newton,

On or about August 31, 2022 the Iowa Communications Network (ICN) received physical damage to ICN Communications equipment in Des Moines, Iowa. An email was sent to the Office of the Auditor of State and the Executive Council. This letter represents a claim for \$73,304.24 in accordance with Chapter 29C.20 of the Code of Iowa for an emergency allocation of funds to repair damages sustained. Paid invoices will be included upon completion of repairs.

It was determined ICN equipment was damaged due to a rodent chew along Neon Road between Highway 18 and 200th Street, west of West Union, IA in Fayette County. This will require relocation. Enclosed are the damage assessment and cost estimate to restore that damaged equipment to normal operating condition.

If you have any questions regarding this claim, please call my office at 515-725-4666 located in the Grimes State Office Building.

Sincerely,



Randy Goddard
Executive Director

Enclosures

cc: Office of Auditor of State (Tammy Hollingsworth)
ICN Operations Division (Dave Augspurger)
ICN Finance Division (Kammy McHone)

Randy Goddard, Executive Director

Grimes State Office Building, 400 E. 14th Street, Des Moines, IA 50319 Phone: 515-725-4692 icn.iowa.gov

IOWA TELECOMMUNICATIONS AND TECHNOLOGY COMMISSION
