

**Iowa Communications Network
OSP Log #23230205, Link 903 (4F)
Clinton Co, Clinton, IA
Along N Bluff Blvd from N 6th St to Springdale Dr.**

Overview of the Project:

The ICN requires relocation of existing 4 fiber cable along N Bluff from N 6th St to Springdale Dr in Clinton, IA. Relocation will consist of placement of approximately 970-ft of minimum of 1.25-in HDPE. Contractor will place a total of two (2) handholes with lids set at grade. A new 48-strand OSP armored fiber optic cable shall be placed through the new conduit and coiled evenly in both handholes. Existing ICN handhole at N Bluff Blvd/Springdale Dr will need to be removed after both IRHTP and Segra cables have been removed after the splice.

Please see the maps and pictures in the attached ENGINEERING PLAN. All work to be completed per the attached STANDARD INSTALLATION REQUIREMENTS and TYPICALS except where noted within this STATEMENT OF WORK (SOW). Upon notification of completion, the ICN will perform a review using the attached PUNCHLIST. Any corrections will need to be made prior to ICN issuing payment for work completed.

The bidder is expected to assess the terrain prior to submitting bids. The ICN anticipates rock will be encountered during the construction. The extent to which rock is encountered is not known nor defined. Therefore, the contractor is expected to submit a bid which anticipates encountering rock, the extent of which should be reasonably ascertained by the contractor, and agrees to the following definition of rock:

Rock Bore Definition: Defined by ICN where an All-Terrain Horizontal Directional Drilling machine with dual drill pipe, bits, housings, and backreamers—designed specifically for rock applications are required to complete the boring operation. Experienced operators capable of utilizing this equipment are also required. The ICN expects that the bidder owns and is able to operate the described equipment.

**SPlicing EXCLUDED FROM THIS CONSTRUCTION BID
SPlicing SHALL BE COORDINATED WITH NOC OSP**

Preparatory Tasks & Responsibilities:

1. Secure all necessary locates from "Iowa One Call."
2. Construction signing shall comply with the Manual on Uniform Traffic Control Devices.
3. The contractor must notify the local IDOT maintenance garage/County/City (per permit) of intent to proceed at least 48 hours prior to commencement of work.
4. ANSI/ISEA 107-2004 CLASS 2 SAFETY VESTS are required at all times within Iowa Department of Transportation right-of-way
5. **Exceptions/Additions to Standard Installation Requirements: none**

Duct Installation

1. Provide 1.25-inch HDPE, SDR 13.5 duct from Station 222+00 to Station 3102+20
2. It shall be the sole responsibility of the contractor to ensure that the fiber installation is in the public Right-of-Way
3. See engineering plans for locations and distances off existing public ROW when provided.
4. Ensure that a pull rope (Mule Tape) is left in all duct.

Handholes:

See Engineering plans for exact locations of a total of 2 handholes

Fiber Installation

1. Install a 970-foot± Contractor-provided, armored single mode OSP fiber cable from Station 222+00 to Station 3102+20
2. Route cable through conduit and into handholes
3. Coil excess cable evenly in each handhole, ensure a minimum of 100 feet of cable in both handhole

Locate Facilities

1. Station 3102+20 – (East/North) end will be a locate facility
2. Station 222+00 - (West/South) non-locate point - install warning marker

Items under the “Splicer Responsibilities” are excluded from the Construction Bid. Splicing will be handled separately. Contractor is responsible for the installation all other items required in this Scope of Work.

Splicer Responsibilities: (Splicing excluded from Construction Bid)

1. **Field Splicing After Hours** During Maintenance Window (00:01 – 06:00)
 - 1.1. At Sta. 222+00: Splice existing southbound fibers 1-4 to fibers 1-4 of the new 48 cable
 - 1.2. At Sta. 3102+20: Splice existing IRHTP 36 cable fibers 1-4 to fibers 1-4 of the new 48 cable
 - 1.3. Loss for each splice shall be .03 dB or less.
 - 1.4. Contractor SHALL label all fibers terminated pursuant to this Scope of Work.
2. Bond all armored cables per the “**Locate Facility Requirements**” (see above and standard drawings). Follow ICN standards and manufacturers’ standard to ensure all bonds are connected to ground bar or locate pedestal for locating. 3M Scotchlock Shield bonding kits shall be used for connecting to the armored cable. Locate wires routed out of the splice case shall be sealed. For Tyco closures use the FOSC Closure Sealing Kit.

3. **Provide Pictures of the completed splicing in cases or panels showing preparation, splice trays and final installation.**

ICN Provided Materials per MATERIALS sheet in 33210307 – Engineering Plans.pdf

ICN shall deliver to project site or contractor to pick up all ICN-provided materials necessary to complete contractor responsibilities.

ITEM	ICN PART NUMBER	QTY	NOTES
ICN PROVIDED MATERIALS			
450A (with lug) FOSC450-A4-4-NT-0-A1V CLOSURE W/ GROUNDING & STD BSKFOR LT FIB	FOSC450-A4-4-NT-0-A1V	2	Stock Item
A TRAY 12 FOSC-ACC-A-TRAY-12 TRAY WITH 12 FUSION SPLICE HOLDER	497817-000	2	BS case
FOSC Closure Sealing Kit FAK-MULDRP-45-4P/CBL-ATT	1F6818-000	1	
3M Scotchlok Shield Bond Connector 4460-D	4460-D	4	
CONTRACTOR PROVIDED MATERIALS*			
HDPE Conduit (13.5 SDR)	Min. 1.25"	970'	
24" X 36" X 30" TD handhole w/ 20T lid TIER 15 (Martin or New Basis)		2	
48 strand Armored SM fiber		1200'	

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

ICN Responsibilities:

1. Project Management
2. ICN provided materials; see above.
3. City of Clinton permit

ICN Point of Contact for this Project:**Engineering/Design:**

Chris Harris
515-725-8925 office
515-380-3689 cell

Materials:

Paul Damge
515-725-4749 office
515-491-1429 cell

Splice Coordination: (typically a minimum of 2 weeks notification is required)

NOC OSP (FNS)
515-725-7423

Work Start Date: Work may begin upon award of the bid and completion of the contract. 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.

Completion Date: Not later than November 3rd, 2025 (extension may be negotiated based upon weather and/or unforeseen construction problems in the ROW)

Quotes Due Date:

Quotes must be received by Sheri Stephens, ICN Contracting, **NLT 2PM on August 27th, 2025.**

Quotes: Contractors must submit a quote for Construction Bid as outlined in the SOW and per the Engineering drawings. ICN requires a breakdown of lump sum bids into labor and materials.

Items under the "Splicer Responsibilities" are excluded from the Construction Bid. Splicing will be handled separately. Contractor is responsible for the installation all other items required in this Scope of Work.

Completion of Work:

1. Upon notification of construction completion, ICN will have 2 weeks to complete the Punch List.
2. Upon initial completion of Punch List, the Contractor will have 2 weeks to correct any issues identified on the Punch List.
3. Upon notification of corrections, the ICN will have 1 week to verify corrections were completed to the ICN's satisfaction.
4. No payment will be made until all work is completed per the contract unless agreed upon by both parties.

Attachments:

23230205 - Scope of Work (SOW), this document
23230205 - Engineering Plans (Construction Drawings)
23230205 – Construction Punch List
23230205 – Typicals
23230205 – Geotechnical Evaluation Report