MCImetro
ACCESS TRANSMISSION SERVICES CORP.
D/B/A - VERIZON ACCESS TRANSMISSION SERVICES

PROJECT NAME: N HINSDALE 1
PROJECT #: 1707BOFD.001.SL.005.UG
PERMITTING AGENCY - VILLAGE OF HINSDALE

TABLE OF CONTENTS:
1. COVER SHEET
2. PROJECT CONTACT & NOTES SHEET
3. F.D.O.U.S. SHEET
4. CLARIFICATION SUMMARY SHEET
5. SYMBOLS SHEET
6. HANDBOKE DETAIL
7. ADDITIONAL NOTES AND DETAILS
8-14. PLAN VIEW
15. (TC)

SCOPE OF WORK
- 2,744' OF DIRECTIONAL BORE
- 20' OF OPEN TRENCH
- PLACE 2,772' OF 1-2' HDPE CONDUIT
- PLACE (6) 2.5'X5' HANDBOKE
GENERAL NOTES

1. All work to be performed in strict accordance with plans and specifications. The undersigned is authorized to order and direct workmen on this job and shall be responsible for the performance of all work.

2. All work to be performed in such a manner as not to injure existing structures, utilities, and other work.

3. All work to be performed in such a manner as to avoid damage to existing structures, utilities, and other work.

4. All work to be performed in such a manner as not to interfere with the operation of the adjacent structures.

5. All work to be performed in such a manner as to avoid damage to existing structures.

6. All work to be performed in such a manner as to avoid damage to existing structures.

7. All work to be performed in such a manner as not to interfere with the operation of the adjacent structures.

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MCI Outside Plant FOCUS
Fiber Optic Cable Uncovering System

1) The title of this program, F.O.C.U.S., an acronym for Fiber Optic Cable Uncovering System was selected to remind everyone involved with working near MCT’s active fiber optic systems to focus on protecting the facilities. If, during the course of the project, YOU notice any activity which may jeopardize the MCI OSP facilities, it is your duty to stop the work and re-focus.

2) FOCUS rules must be followed on all MCI projects involving work on or near MCI OSP facilities. Safety is MCT’s number one priority; everyone must refrain from unsafe and improper practices.

3) Review of FOCUS is mandatory at every Pre-bid, Pre-construction, site meeting and daily tailgate meeting. FOCUS discussion must include site-specific history, unique problems, facility configurations that may be encountered, and past errors. "Those who do not learn from history are doomed to repeat it". Do not let this happen to you.

4) Any work near or requiring handling of MCI Outside Plant facilities can only be performed with an MCI employee or contract representative present - THIS MEANS OUT OF HIS OR HER VEHICLE AND DIRECTLY MONITORING THE WORK. The representative must have a properly operating cable locator checked for accuracy every day prior to commencement of work (comparison of line and depth readings to actual line and depth of the cable).

5) Locate and Pothole Requirements.
   - Prior to any excavation, the MCI employee or contract representative must verify the initial locate marks completed by MCI Operations. Do not trust locate results completed by others! The MCI or contract representative must locate the cable running line by making at least one pass in each direction. Locate results must then be compared with previous marks and the asbuilts.
   - If the proposed work involves digging or excavating within 3 feet of the cable, the cable route will be marked continually with orange paint and supplemented by marker flags placed every 10 ft. The excavation contractor must pothole (all potholes must be completed by hand digging or vacuum excavation) a minimum of every 15 ft., then expose the entire length of the cable by hand digging or vacuum excavation.
   - If the proposed work involves digging or excavating within 5 feet (but not closer than 3 feet) of the cable, the cable route will be marked continually with orange paint and supplemented by marker flags placed every 10 ft. The excavation contractor must pothole the cable a minimum of every 15 ft.
   - If the proposed work involves digging or excavating within 15 feet (but not closer than 5 feet) of the cable, the cable route will be marked continually with orange paint and supplemented by marker flags placed every 10 ft. The excavation contractor must pothole the cable a minimum of every 30 ft.
   - The cable will also be potholed at any change in the running line of more than 1 ft. in any direction, anytime the accuracy of the electronic line is questioned, or the marked running line does not match the asbuilts.

6) Exposing Requirements.
   - No mechanical excavation within 3 ft. of OSP facilities will be allowed unless the facilities have first been properly located, potholed, positively identified, continuously exposed by hand digging or vacuum excavation, and the facilities are clearly visible.
   - In addition, mechanical excavation within three feet of OSP facilities requires onsite prior approval from MCI’s employee or contract representative.

7) Please refer to the latest edition of the MCI OSP Handbook for additional details. Know it and follow it.

Release 1.0

MCI Outside Plant Construction General Requirements

- All Federal, State and local safety regulations must be followed without exception.
- Personal protective equipment appropriate for the specific work site shall be used at all times. At a minimum, hard hat, safety shoes/steel toe boots and fluorescent orange or green work vest are required upon entering any MCI work site.
- Use of intoxicants, drugs, inhalants or any other substances that may impair alertness are strictly prohibited.
- Contractors are NOT allowed to cut any cable. Cables scheduled for removal will be cut by MCI Operations personnel, and only after verification that all traffic has been off-loaded.
- Extreme caution must be used at all times when working on or near active cables. An MCI employee or contract representative must approve and be present prior to and during all cable handling activities.
- Tools and equipment specifically designed for the job at hand are required. USE THE PROPER TOOL FOR THE JOB.
- Conduit work involving active cables requires specialized tools specifically designed to access ducts with active cables.
- Protecting MCI facilities is EXTREMELY important; however, SAFETY regarding yourself and others is the most important part of any project.

Signature: ____________________________
Release 1.0
### Clarification Notes (Continued)

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### Project Clarification Summary

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ADDITIONAL NOTES:
1. EXCEPT AS OTHERWISE NOTED, CONTRACTOR SHALL MAINTAIN A MINIMUM OF 24 INCHES OF SEPARATION FROM EXISTING UTILITIES.
2. CONTRACTOR SHALL POTHOLE EACH UTILITY TO DETERMINE SIZE, LOCATION, AND DEPTH PRIOR TO CROSSING.
3. CONTRACTOR IS CAUTIONED TO PROTECT SEWER MANHOLES, CATCH BASINS, LATERALS AND INLETS.
4. CONTRACTOR WILL PROVIDE BARRICADING TO INSURE CORRECT TRAFFIC CONTROL WHILE MAINTAINING VEHICULAR TRAFFIC AT ALL TIMES.
5. RESTORATION TO BE IN COMPLIANCE WITH MCI AND APPLICABLE PERMITTING AGENCIES.
6. BONDING AND GROUNDING PER NESC.

PUBLIC UTILITY NOTE:
CONTRACTOR SHALL NOTIFY ALL PUBLIC UTILITY COMPANIES (GAS, ELECTRIC, TELEPHONE, SEWER, WATER, ETC) PRIOR TO COMMENCING ANY CONSTRUCTION.
THESE COMPANIES WILL LOCATE, ON THE GROUND, THE LOCATION OF ALL CONDUITS, DUCTS, UNDERGROUND PIPING, ETC., ADJOINING & CROSSING PROPOSED CONSTRUCTION.

NOTES:
1. All materials per IDOT’s “Standard Specifications for Road & Bridge Construction” (current edition) and “Supplemental Requiring Special Provisions” (latest edition).
2. Replace all pavement markings, striping, symbols and pavement markers in kind.

TYPICAL DETAIL
DIRECTIONAL BORE CROSS SECTION
-2" HOLE AT 38" DEPTH
EXISTING GRADE

TYPICAL DETAIL
TRENCH AND PLACE CONDUIT
-2" HOLE AT 38" DEPTH

DUPAGE COUNTY DIVISION OF TRANSPORTATION
TRENCH BACKFILL STANDARD IN PAVED AREAS

- 3" thick asphalt (black) Surface Course
- 4" or less to base edge–centerline or adjacent lane rec.(3/4) 3/4"
- Undisturbed subbase
- 5' width
- Compacted granular base course
- Undisturbed earth
- Undisturbed earth
- Composted granular bedding material
- Composted granular paving material
- Base course
- Undisturbed earth
- Compacted granular paving material
- Undisturbed earth
- Compacted granular bedding material
- Undisturbed earth
- Compacted granular paving material
- Undisturbed subbase
- Undisturbed earth
- Undisturbed earth
- Undisturbed earth
CONSTRUCTION NOTES

1) DIRECTIONAL BORING ACROSS STREET 45°
   CODE 6.20

2) PLACER ACROSS 1-2' HOPE
   CODE 2.17

SEE SHEETS 6-7

- ADDITIONAL NOTES
- PERMITS/UTILITY NOTES
- BORING DETAILS

SCALE
0' 10' 20' 30' 40'
0' 1/20

DATE: 1/22/2020
ENGINEER: RWP
DRAWN BY: L. ROSS
REV. 7