SCOPE OF WORK

Name of Client/Organization: MCImetro Access Transmission Services Corp
Name of Project: HINSDALE AND COUNTY LINE SC
Project Number: #: 1712ABDC.6_SL_001_UG_R00

Name of Contact Person:  Kone Chansey  Project Location: Along E. Walnut St. Please see plans for more detail. MTMCImetro d/b/a Verizon has Franchise Agreement with Village.
Contact Mailing Address:  723 N. Oaklawn Ave
                                      Elmhurst, IL 60126
TelephoneNumber:  
630-733-9955  Kone Chansey (Permitting Specialist)  
312-971-1488  Wayne Smith (Construction Manager) 
312-453-8106  Oscar Guerrero (Owner)

Project Description: Fiber Optic Work
- PLACE (5) 2.5' X 5' HANDHOLE
- PLACE 2,846' OF 1-2" HDPE
- DIRECTIONAL BORE 2,730'
- OPEN TRENCH 107'

To Al Diaz,

We are formally requesting for the use of the utility right of way. Please see attached drawings for scope of work and other details. Feel free to contact us for any additional details.

Sincerely,

Kone Chansey

Permit Granted:

Signed________________

Title________________    Date________________
**SCOPE OF WORK**

- PLACE (5) 2.5' X 5' HANDHOLE
- PLACE 2,846' OF 1-2" HDPE
- DIRECTIONAL BORE 2,730'
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**PROJECT NAME:** HINSDALE AND COUNTY LINE SC  
**PROJECT #:** 1712ABDC.6_SL_001_UG_R00

**PERMITTING AGENCY:** VILLAGE OF HINSDALE

**TABLE OF CONTENTS:**
1. COVER SHEET  
2. PROJECT CONTACT & NOTES SHEET  
3. F.O.C.U.S. SHEET  
4. CLARIFICATION SUMMARY SHEET  
5. SYMBOLS SHEET  
6. HANDHOLE DETAIL  
7. ADDITIONAL NOTES AND DETAILS  
8-13. PLAN VIEW  
14-19. (TC)
GENERAL NOTES

1. MCI comprises the following operating entities:
   - MCI Communications Services, Inc.
   - MCI Metro Access Transmission Services Corp.
   - MCI Metro Transmission Services Corp.
   - MCI Metro Access Transmission Services of Massachusetts, Inc.
   - Metropolitan Fiber Systems of New York, Inc.

2. All work to be done with extreme caution. Fiber optic cable is carrying traffic and loss of service will result in loss of revenue. Contractor shall not work in a manner that may affect traffic-carrying facilities in the absence of an MCI employee or certified contractor.

3. All work to be performed in strict accordance with the applicable codes or requirements of any regulating governmental agency, MCI business, or the right-of-way-grantor.

4. Locations of some of the physical features were obtained from dated railroad valuation maps or other drawings, and may be as shown or depicted on these drawings.

5. Underground utilities have been plotted from available records and field observations, but are not necessarily exact. Therefore, utility locations will be verified at least 100 feet in advance of trenching or plowing, so that changes in cable placement cause made in event of conflicts.

6. All known buried obstructions are shown on the construction drawings. Any and all others encountered are also the responsibility of the contractor to locate, protect, and repair, if damaged.

7. Any and all improvements, such as asphalt or concrete pavement, curbs, gutters, sidewalks, drainage ditches, embankments, shrubs, trees, grass sod, etc., if damaged, shall be restored to original or better condition.

8. Equipment types specified herein (i.e., "backhoe," "shovel," etc.) are suggestions only and are not intended as requirements. Contractor will be notified.

9. Equipment types specified herein (i.e., "backhoe," "shovel," etc.) are suggestions only and are not intended as requirements. Contractor will be notified.

10. All buried cable marker posts and hardware placed and/or removed on all new and existing routes shall be implanted as follows:

A. On those routes that are considered to be in a north to south geographical orientation, the southernmost sign and post should be removed. For new routes being constructed, one sign post will be placed at the north end of each handhole.

B. On those routes that are considered to be in an east to west geographical orientation, the westernmost sign and post should be removed. For new routes being constructed, one sign post will be placed at the east end of each handhole.

CONSTRUCTION NOTES

1. All conduit will be 2" HDPE.

2. Contractor is responsible for locating all utilities 48 hours prior to construction activity.

3. All underground obstructions, when located, will require the placement of a buried cable marker post. See contact sheet for contact name and telephone number.

4. Shoring may be required and shall comply with OSHA standards.

5. All buried conduit/cable will be placed at 36" minimum cover unless specified otherwise on the construction drawings.

6. Mechanical protection shall be required anytime a 36" minimum cover is unobtainable unless specified otherwise on the construction drawings.

7. Verizon business personnel to be contacted by the contractor 48 hours prior to construction. See contact sheet for contact name and telephone number.

8. All staking is based on as-built information. Therefore some variance should be anticipated. Adjust as needed.

9. Railroad communication and signal cables to be located prior to construction activity. Railroad to be given 48 hours notice prior to construction.

10. All buried cable marker posts and hardware placed and/or removed on all new and existing routes shall be implanted as follows:

A. On those routes that are considered to be in a north to south geographical orientation, the southernmost sign and post should be removed. For new routes being constructed, one sign post will be placed at the north end of each handhole.

B. On those routes that are considered to be in an east to west geographical orientation, the westernmost sign and post should be removed. For new routes being constructed, one sign post will be placed at the east end of each handhole.

PROJECT CONTACTS

ENGINEERING CONTRACTOR

NAME OF FIRM: LEDCOR TECHNICAL SERVICES
PROJECT MANAGER: DENNIS CLARK
PHONE: (312) 809-8183
EMAIL: DENNIS.CLARK@LEDCOR.COM

OWNERS

NAME OF FIRM: MCI METRO ACCESS TRANSMISSION SERVICES CORP.
D.B.A. VERIZON ACCESS TRANSMISSION SERVICES
ENGINEER: OSCAR GUERRERO
PHONE: (312) 433-8186
EMAIL: OSCAR.GUERRERO@ONE.VERIZON.COM

CONSTRUCTION CONTRACTOR

NAME OF FIRM: LEDCOR TECHNICAL SERVICES
CONSTRUCTION MANAGER: WAYNE SMITH
PHONE: (312) 971-1488

CITY GOVERNMENT

VILLAGE OF HINSDALE
COMMUNITY DEVELOPMENT DEPT
19 EAST CHICAGO AVE
HINSDALE, IL 60521
(312) 971-1488
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 MCI active fiber optic systems to focus on protecting the facilities. In 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 MCI'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 marking at least one pass in each direction. Locate results must then be compared with previous marks and the as-buils.

   - If the proposed work involves digging or excavating within 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 (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 locate is questionable, or the marked running line does not match the as-buils.

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 toed boots and florescent 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
<table>
<thead>
<tr>
<th>CLARIFICATION NUMBER</th>
<th>CLARIFICATION NUMBER AND ALPHA</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 212</td>
<td>place high density polyethylene (hdpe)</td>
<td>2,846'</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>200 249</td>
<td>place handhole</td>
<td>5</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td>630 640</td>
<td>directional bore</td>
<td>2,730'</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>630 640</td>
<td>open trench</td>
<td>107'</td>
<td>EA</td>
<td></td>
</tr>
</tbody>
</table>

### Clarification Notes (Continued)

- Place buried cable markers and signs/awmcom
- Water crossing signs
- Place isolator/protection system at existing handholes/manholes
- Remove buried-cable marker post/hardware
- Remove concrete buried-cable marker post
- Jack and dry bore conduit(s)
- Directional bore
- Open trench
- Embedment flow
- Emplacement flow
- Directional bore
**SYMBOLS KEY**

- **EXISTING**
  - BURIED CABLE
  - AERIAL CABLE
  - SUBMARINE CABLE
  - FOGWIRE CABLE
  - DIRECT BURIED HOPE
  - PVC OR SPLIT PVC CONDUIT
  - BRSP/SP OR SPLIT BRSP/SP CONDUIT
  - STEEL CASING
  - REMOVE AND RESTORE ASPHALT OR CONCRETE (WIDTH AS INDICATED)
  - CORE BORE
  - JACK AND BORE
  - DIRECTIONAL BORE
  - TRENCHING
  - FUTURE CABLE
  - REMOVE CABLE
  - TO BE REMOVED OR ABANDONED (SHOWN FOR HOPE)
  - AERIAL UTILITY (ELECTRIC)
  - UNDERGROUND UTILITY (TELEPHONE)
  - MAIN TRACKS
  - AUXILIARY TRACKS
  - BUILDING
  - CENTERLINE
  - EDGE OF PAINTMENT
  - DIRECTIONAL BORE
  - UNDERGROUND
  - SIDERAIL
  - EXISTING MDI
  - DITCH LINE
  - TAX DISTRICT
  - CITY, COUNTY OR STATE BOUNDARY LINE
  - PROPERTY LINE
  - GUARDRAIL
  - TOP OF SLOPES
  - TREES
  - SEWER LINE
  - WATER LINE
  - STORM DRAWN LINE
  - ELECTRIC LINE
  - GAS LINE

- **PROPOSED**
  - STEEL MARKER AND SIGN (A)
  - ALUMINUM/HUB-STYLE MARKER (B)
  - FLAT MARKER (C)
  - TUBULAR MARKER (D)
  - TUBULAR MARKER, A, ISOLATOR PROTECTOR (E)
  - MILE POST MARKER
  - NATE
  - PERMIT TRACKING FORM IDENTIFIER
  - ROCK PROBE (DEPTH AS INDICATED)
  - UTILITY COVER (DEPTH)
  - HANDELONE, MANHOLE OR PULLBOX
  - POLE
  - ANCHOR ONLY
  - GUY ONLY
  - OVERHEAD GUY (ARROW IN DIRECTION OF PULL)
  - ANCHOR AND GUY
  - SIDEWALK ANCHOR AND GUY
  - DROP BOX (EXISTING POLE)
  - FOREIGN ANCHOR AND GUY
  - PUSH BRACE (EXISTING POLE)
  - ACCOUNT CODE CHANGE (BURIED TO AERIAL)
  - CULVERT (SIZE AS INDICATED)
  - CULVERT (SIZE AS INDICATED)
  - CALF CONTROL BOX
  - CAUTION NOTE
  - CATCH BASIN
  - TREES
  - STREET LIGHT
  - MANHOLE
  - FIRE HYD
  - STREET SIGN
  - STRUCTURE BELOW GROUND
  - STRUCTURE ABOVE GROUND
  - TRAFFIC LIGHTS-W/EXTENDED ARM
  - TRAFFIC LIGHT STUMP
  - LAWN BASIN
  - VALUE
2.5' x 5' x 2.5' HANDHOLE DETAILS

EXPLDED ISOMETRIC DETAIL

TWO PIECE REINFORCED POLYMER MORTAR COVER FOR 20,000 LBS LOADING WEIGHT

LOCK DOWN DEVICE

LOCK DOWN DEVICE CROSS SECTION

COVER HOLD DOWN BRACKET (4 REQUIRED)

LOCKING DEVICE

SECTION A-A

PLAN VIEW

VAULT BOTTOM (144 SQ. IN. TOTAL DRAINAGE)

DETAIL "A"

DETAIL "A-1"

DETAIL "A-2"

DETAIL "A-3"

DETAIL "A-4"

EXCAVATION PIT

SUPPORT BEAM INSTALLATION (TYP. AT 6 PLACES)

SIDE WALL VIEW INSIDE LOOKING OUT

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"

VAULT BOTTOM PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"

VAULT BOTTOM PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"

VAULT BOTTOM PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"

VAULT BOTTOM PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"

VAULT BOTTOM PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"

VAULT BOTTOM PLAN VIEW

(144 SQ. IN. TOTAL DRAINAGE)

VAULT

FIBERGLASS vault

DETAIL "B"

FIBERGLASS VAULT

FIBERGLASS REINFORCED PLASTIC VAULT (FRP)

DETAIL "C"

DETAIL "D"
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.

NOTE:
DEPTH WILL VARY AND WILL BE ADJUSTED TO A GREATER DEPTH AS EXISTING UTILITIES ARE LOCATED AND DEPTHS ARE PROVIDED BY LOCATOR.

TYPICAL DETAIL
DIRECTIONAL BORE CROSS SECTION
1-2" HDPE AT 36" DEPTH

1-2" HDPE

EXISTING GRADE

36" MIN. COVER

NOTE: DEPTH WILL VARY AND WILL BE ADJUSTED TO A GREATER DEPTH AS EXISTING UTILITIES ARE LOCATED AND DEPTHS ARE PROVIDED BY LOCATOR.

TYPICAL DETAIL
TRENCH AND PLACE CONDUIT
1-2" HDPE AT 36" DEPTH

36" MIN. COVER

12" MIN

95% MIN. R.C. REPLACEMENT AC PAVEMENT TO BE 0.25' MIN AND INCLUDE IN REPAIR EXISTING GRADE

95% MIN. R.C. CLASS II BASE (IF EXISTING) MATCH EXISTING THICKNESS OR 6" MIN BURIED CABLE MARKER TAPE

95% MIN R.C. 1/2" WIDE OR LESS USE 1-1/2 SACK CEMENT SLURRY 1-2" HDPE

IF 2" OR LESS FROM EDGE OF PAVEMENT, REMOVE AND INCLUDE IN REPAIR
CONSTRUCTION NOTES

1. PLACE 2.5' X 5' X 2.5' HANDHOLE
   CODE 240

2. PLACE 340' 1-2" HDPE
   CODE 630

3. DIRECTIONAL BORE 340'
   CODE 630

SEE SHEETS 6-7

- ADDITIONAL NOTES
- PUBLIC UTILITY NOTES
- BORE DETAILS
- TRENCH DETAILS
- HANDHOLE DETAILS

PROJECT:
CLARIFICATION NO.

SCALE: 1"=40'
HORIZONTAL: 1"=40'
VERTICAL: 1"=40'

DATE: 4/9/19
ENGINEER: E. HAZLETT
DRAWN BY: E. HAZLETT

SCALE TO MP

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

DATE DESCRIPTION
4/9/19 1"=40'

CRAH HUB
VIB Downers Grove
PERMIT ID: 6520

REVISIONS

1. PLACE 2.5' X 5' X 2.5' HANDHOLE
2. PLACE 340' 1-2" HDPE
3. DIRECTIONAL BORE 340'

- ADDITIONAL NOTES
- PUBLIC UTILITY NOTES
- BORE DETAILS
- TRENCH DETAILS
- HANDHOLE DETAILS
CONSTRUCTION NOTES

1. PLACE 120' 1-2" HDPE  
   CODE 212

2. DIRECTIONAL BORE 120'  
   CODE 630

3. PLACE 2.5' X 5' X 2.5' HANDHOLE  
   CODE 240

4. PLACE 376' 1-2" HDPE  
   CODE 212

5. DIRECTIONAL BORE 376'  
   CODE 630

SEE SHEETS 6-7

- ADDITIONAL NOTES
- PUBLIC UTILITY NOTES
- BORE DETAILS
- TRENCH DETAILS
- HANDHOLE DETAILS

PLACE 125' 1-2" HDPE

PLACE NEW 2.5' X 5' X 2.5' HANDHOLE

REMOVE AND RESTORE SOD TO

EQUAL OR BETTER CONDITION

PLACE 2.5' X 5' X 2.5' HANDHOLE

CODE 240

PLACE 376' 1-2" HDPE

CODE 212

DIRECTIONAL BORE 376'

CODE 630
**CONSTRUCTION NOTES**

1. **PLACE 455' 1-2" HDPE**
   - CODE 212

2. **DIRECTIONAL BORE 455'**
   - CODE 530

3. **PLACE 2.5' X 5' X 2.5' HANDHOLE**
   - CODE 240

4. **OPEN TRENCH 49'**
   - CODE 640

5. **PLACE 49' 1-2" HDPE**
   - CODE 212

---

- **SEE SHEETS 6-7**
- **- ADDITIONAL NOTES**
- **- PUBLIC UTILITY NOTES**
- **- BORE DETAILS**
- **- TRENCH DETAILS**
- **- HANDHOLE DETAILS**

---

**PUBLIC UTILITY NOTES**

- **PLACE 455' 1-2" HDPE**
  - CODE 212

**BUILDING NOTES**

- **PLACE 455' 1-2" HDPE**
  - CODE 212

**SUBSURFACE NOTES**

- **PLACE 455' 1-2" HDPE**
  - CODE 212

---

**TUNNEL UNDER EXISTING SIDEWALK AND PROTECT IN PLACE.**

---

**CRAN HUB:**

- PERMIT ID: 6520

---

**PLACE 455' 1-2" HDPE**

- CODE 212

---

**PLACE 2.5' X 5' X 2.5' HANDHOLE**

- CODE 240

---

**PLACE 49' 1-2" HDPE**

- CODE 212
CONSTRUCTION NOTES

1. OPEN TRENCH 58’
   CODE 640
2. PLACE 37’ 1-2” HDPE
   CODE 212
3. DIRECTIONAL BORE 321’
   CODE 630

SEE SHEETS 6-7
- ADDITIONAL NOTES
- PUBLIC UTILITY NOTES
- BORE DETAILS
- TRECH DETAILS
- HANDHOLE DETAILS

MATCH SURVEY STA 22+00
SEE SHEET 13

PROJECT:
CLARIFICATION NO.
QUANTITY
TITLE:
OUTSIDE PLANT CONSTRUCTION
DATE:
ENGINEER:
DRAWN BY:
SCALE:
VERTICAL:
HORIZONTAL:
SHEET:
FILE:
REVISIONS

EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.
CONSTRUCTION NOTES

1. PLACE 577' 1-2" HDPE
   CODE 212
2. DIRECTIONAL BORE 577'
   CODE 630
3. PLACE 2.5' X 9' X 2.5' HANDHOLE
   CODE 240

SEE SHEETS 6-7
- ADDITIONAL NOTES
- PUBLIC UTILITY NOTES
- BORE DETAILS
- TRENCH DETAILS
- HANDHOLE DETAILS

SHEET 12 OF 18
TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- All lengths shall be measured from the
  nearest edge of the pavement
- Tubes shall be in black (markings)
  white with reflective inserts

- Type I Barricade
- Type II Barricade
- Type III Barricade
- Direction Indicator Barricade
- Vertical Barricade
- Detectable Pedestrian Channelizing Barbercade

CONES
- Reflectorized cone for nighttime
- Cone for daytime

TUBULAR MARKERS
- Vertical panel
- Drums

DEVICES
- Type I BARRICADE
- Type II BARRICADE
- Type III BARRICADE
- DIRECTION INDICATOR BARRICADE
- VERTICAL BARRICADE

DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE
EXCEPT AS MAY BE OTHERWISE PROVIDED BY CONTRACT, THESE DRAWINGS AND SPECIFICATIONS SHALL REMAIN THE PROPERTY OF MCI COMMUNICATIONS SERVICES, INC. BOTH BEING ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE REPRODUCED, COPIED, OR USED FOR ANY PURPOSE WITHOUT SPECIFIC WRITTEN PERMISSION.

TRAFFIC CONTROL DEVICES

[Sheet 2 of 2]
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**TRAFFIC CONTROL DEVICES**

**STANDARD 701901-07**

**TYPICAL APPLICATIONS OF**

**TYPE III BARRICADES CLOSING A ROAD**

**TEMPORARY RUMBLE STRIPS**

**ARROW BOARDS**

**SECTION A-A**

**PLAN**

**Typical installation**

**Road closed to all traffic**

**Temporary rumble strips**

**Road closed to both traffic**

**Typical applications of type iii barricades closing a road**

**Traffic control devices**

**Sheet 3 of 3**
GENERAL NOTES

The Standard is used when, at any time, pedestrian traffic may be inadvertently drawn into any excavation. Pedestrian traffic must be kept in restricted areas.

PUBLIC SAFETY - Pedestrian and vehicular traffic may be inadvertently drawn into any excavation. Pedestrian and vehicular traffic must be kept in restricted areas.

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