



A handwritten signature in blue ink, appearing to read "Rob Eckstrom".

MEMORANDUM

TO: Kathleen Dooley, City Attorney
FROM: Rob Eckstrom, Assistant City Attorney
DATE: October 18, 2016
RE: MCI Communication Services, Inc. license to use City ROW

Issue

Should the City grant a license to MCI Communication Services, Inc. for placement of a fiber optic cable in the public right-of-way?

Recommendation:

Yes. This cable has existed under the City's right-of-way for decades. MCI is asking to re-route the cable for technical reasons. The move will not negatively impact City operations or other utilities.

This item was transmitted on the consent agenda for the October 25 meeting. I recommend that given the small scale and uncontroversial nature of the project, that Council approve the license on first and second read at its first meeting in November.

Background:

This project involves moving Verizon's optical regeneration facility for its long-haul, long-distance service fiber optic cable to a different location in the city. The cable does not provide local service, and therefore does not fall within Verizon's franchise agreements with the City. The cable to be replaced was installed in the late 1990's under an agreement with CSX and several other companies.

City staff has reviewed and approved the proposed plans.

Fiscal Impact:

None.



November 8, 2016
Regular Meeting
Ordinance No. 16-

MOTION:

SECOND:

RE: GRANTING A FIFTEEN-YEAR NON-EXCLUSIVE LICENSE TO MCI COMMUNICATION SYSTEMS, INC. TO INSTALL, MAINTAIN, AND USE TELECOMMUNICATION CABLE AND EQUIPMENT IN CITY RIGHTS-OF-WAY

ACTION: APPROVED: AYES: 0; NAYS: 0

FIRST READ: _____ SECOND READ: _____

IT IS HEREBY ORDAINED by the Fredericksburg City Council:

SEC. I. Introduction.

MCI Communication Systems, Inc. has applied to the City Council for a fifteen-year, non-exclusive license to install certain telecommunications equipment in the public rights-of-way. The license allows installation and maintenance of telecommunication cable and equipment for use by wireless communication providers. Use of these facilities is not offered directly to individual consumers. The City and MCI Communication Systems, Inc. have negotiated the terms of the attached license agreement.

SEC. II. Grant of License.

The City Council finds that the grant of the license is in the public interest. The City Manager is hereby authorized to execute the attached fifteen-year non-exclusive license between MCI Communication Systems, Inc. and the City of Fredericksburg, on behalf of the City.

SEC. III. Effective Date.

This ordinance is effective immediately.

Approved as to form:

Kathleen Dooley, City Attorney

Clerk's Certificate

I, the undersigned, certify that I am Clerk of Council of the City of Fredericksburg, Virginia, and that the foregoing is a true copy of Ordinance No. 16- duly adopted at a meeting of the City Council meeting held September 13, 2016 at which a quorum was present and voted.

Tonya B. Lacey, CMC
Clerk of Council

Location: public rights-of-way (no GPIN)



LICENSE

This license agreement, dated _____ 2016, is between the CITY OF FREDERICKSBURG, VIRGINIA, a municipal corporation, and MCI Communications Services, Inc., a Delaware corporation (“Licensee”).

Recitals

Licensee seeks to install, maintain, and use telecommunication cable and equipment in public rights-of-way owned and controlled by the City.

The City Council, by Ordinance 16-____, adopted on _____, 2016 after a public hearing, authorized the City Manager to sign this license agreement.

Terms

The City hereby grants a license to use the public rights-of-way within the city’s boundaries to Licensee, on these terms:

1. **Term.** The term of this license is from _____ to _____. [15 YEARS]
2. **Location.** This license is for use of City property in accordance with the twelve sets of attached plans titled [_____], dated [_____]. Licensee shall not deviate from those plans without written permission from the City Manager.
3. **Generally applicable requirements.** This license is not a waiver of the requirements of any City ordinance, resolution, regulation, or permitting process. Licensee is responsible for obtaining all required permits at its own expense, and for complying with all City requirements.
4. **Safety and quality.** Licensee shall ensure that all activity under this license is performed safely, thoroughly, reliably, and in accordance with all relevant industry, professional, and federal and state-mandated standards and laws. All materials installed in the public right-of-way under this license must be of good and durable quality. If the City concludes that work or materials under this license are harmful to the health or safety of any person or property, Licensee shall correct the problem at its own expense.
5. **Termination.**
 - a. Licensee may terminate this agreement by notifying the City at least 30 days in advance that it intends to do so, in which case the license terminates on the date the City receives written confirmation from Licensee that Licensee has removed all of its cables and equipment from City property (or at the option of City abandon its cable and/or equipment in place),

- restored all affected City property to its original condition, and paid all amounts due to the City under the license.
- b. The City may terminate this agreement if Licensee (i) has not completed installation of its cables and equipment within one year of the start of the license term; (ii) ceases use of its cables and equipment for a period of six (6) months or more; (iii) has not paid an amount due to the City under this license; (v) removes its cables and equipment; or (iv) violates any provision of this license.
 - c. If the City intends to terminate the license, it shall notify Licensee of the specific reason why and allow Licensee 30 days to respond to the notice. The City shall then notify Licensee in writing that either (i) Licensee has responded adequately to the notice, or (ii) Licensee has not responded adequately to the notice and that the license is terminated immediately.
 - d. Upon termination or expiration of this license, Licensee shall remove all of its cables and equipment from City property and restore all affected City property to its original condition (or at the option of City abandon its cable and/or equipment in place).
6. **Non-exclusivity.** This is a non-exclusive license. It does not limit the City's right to grant permission to any other person or entity to use the public rights-of-way.
7. **Disturbing rights-of-way.**
- a. Licensee shall notify the City Public Works Department and receive a City utility permit before disturbing any street, alley, or sidewalk. Licensee's permit application must include any plans, specifications, traffic control plans, and other information that the Public Works Department deems necessary for an adequate review of the proposed work. The City shall approve or deny the permit application promptly, and shall not unreasonably withhold a permit. This section does not apply to emergency situations or where the Director of Public Works has expressly waived a requirement in writing.
 - b. If Licensee disturbs streets, alleys, sidewalks, utility lines, or other public property, it shall restore the property to its original condition as soon as practicable in accordance with City standards. If Licensee does not do so within a reasonable time, the City may do so at Licensee's expense.
8. **Records.** At the City's request, Licensee shall send the City (at no cost to the City and within 10 days of the request) copies of Licensee's plans, maps, and records pertaining to this license.
9. **Removal and relocation.**
- a. If the City determines that Licensee's cables or equipment need to be removed or relocated, Licensee shall remove or relocate its cables and equipment as requested by the City within a reasonable time.
 - b. Generally, removal or relocation is at Licensee's expense. If the City requests a removal or relocation, the City shall provide a substitute location for Licensee's facilities and shall obtain all required City permits. If the removal or relocation is for the benefit of a third party (a developer, for example), the third party is responsible for all costs.
 - c. If the Licensee does not remove or relocate its cables and equipment within a reasonable time of the City's request to do so, the City may, after 30 days written notice to Licensee, remove or relocate the cables and equipment itself at Licensee's expense.
10. **Trees.** Licensee shall not damage trees in or near the public rights-of-way more than reasonably necessary.
11. **Assumption of Risk.** Licensee assumes all risks of loss and damage to its cables and equipment, including any interference or loss of service and any resultant consequential damages that result from City operations.

12. **Indemnification.** Licensee shall save, defend, hold harmless, and indemnify the City, and all of its elected and appointed officials, officers, employees, agents, departments, agencies, boards, and commissions from and against any and all claims, losses, damages, injuries, fines, penalties, costs (including court costs and attorney's fees), charges, liability, or exposure, however caused, resulting from, arising out of, or in any way connected with Licensee's negligent acts, errors or omissions, recklessness or intentionally wrongful conduct of Licensee in performance or nonperformance of its work under the license. This indemnification survives the termination of the license.
13. **Insurance.** Licensee shall maintain the following insurance coverage during the entire term of this license:
- a. Two million dollars for bodily injury to or the death of any one person.
 - b. Three million dollars for bodily injury or death resulting from any one event.
 - c. Three million dollars in commercial general liability insurance.
- The City must be named as an additional insured on these policies, and Licensee shall provide copies of its certificates of insurance to the City. Licensee may instead maintain self-insurance that meets the requirements of this section.
14. **Assignment.** Licensee shall not assign or otherwise transfer any of its rights, obligations, or interests in this license without the written permission of the City, except that Licensee may transfer this Agreement to an affiliate of Licensee, and in such event, Licensee shall provide the City with written notice of such transfer within sixty(60) days of such event occurring.
15. **Choice of Law, Venue.** This license is governed by Virginia law. The Circuit Court of Fredericksburg, Virginia is the exclusive venue for any state litigation regarding this license.
16. **Authorization to do Business in Virginia.** Licensee is authorized to do business in Virginia as a domestic or foreign business entity under Title 13.1 or Title 50 of the Virginia Code. Licensee shall not allow its existence to lapse or its certificate of authority or registration to do business in Virginia to be revoked or cancelled during the term of this license.
17. **Notices.** Notices pertaining to this license must be sent by first-class mail to:

To the City:
 Fredericksburg City Manager
 PO Box 7447
 Fredericksburg, Virginia 22404-7447

To Licensee:
 Adam Rice
 Verizon Business Services
 12379A Sunrise Valley Drive
 Reston, VA 20191
 (o) 571-220-8978
 (f) 703-391-5713

with a copy to:

Verizon
 Suite 900
 1320 N. Courthouse Road
 Arlington, VA 22201
 Attn: Vice President and Deputy General
 Counsel, Network Services

18. **Severability.** If a court declares any part of this license to be invalid, void, or unenforceable, the rest of the license remains in effect.
19. **Strict Performance.** The failure of a party to insist upon the other party's strict performance of the terms of the license is not a waiver of the right to insist upon strict performance of those terms at a later time.

By signing below, the City and Licensee agree to the terms of this license.

CITY OF FREDERICKSBURG

By: _____
Timothy Baroody, City Manager

Attest:

Deputy City Clerk

Approved as to form:

City Attorney

**MCI COMMUNICATIONS SERVICES,
INC.**

By: _____

Name: _____

Title: _____

Commonwealth of Virginia
City/County of _____:

This license agreement was acknowledged on _____, 2016, by [], on behalf of the company.

Notary Public

Certification # _____
My Commission Expires: _____



OUTSIDE PLANT CONSTRUCTION

*POP RELOCATION TO 901
PRINCE EDWARD ST-LATERAL A & B
FREDERICKSBURG, VA
PROPOSED FIBER ROUTE
MCI PROJECT #06351-001*

SEPTEMBER 13, 2016

ISSUED FOR
CONSTRUCTION

NTD
National Telecom Design
• fiber engineering • gis • gps • technical services •
Office: 540-710-5416 Fax: 540-710-5417
email: ntd@ntdfiber.com

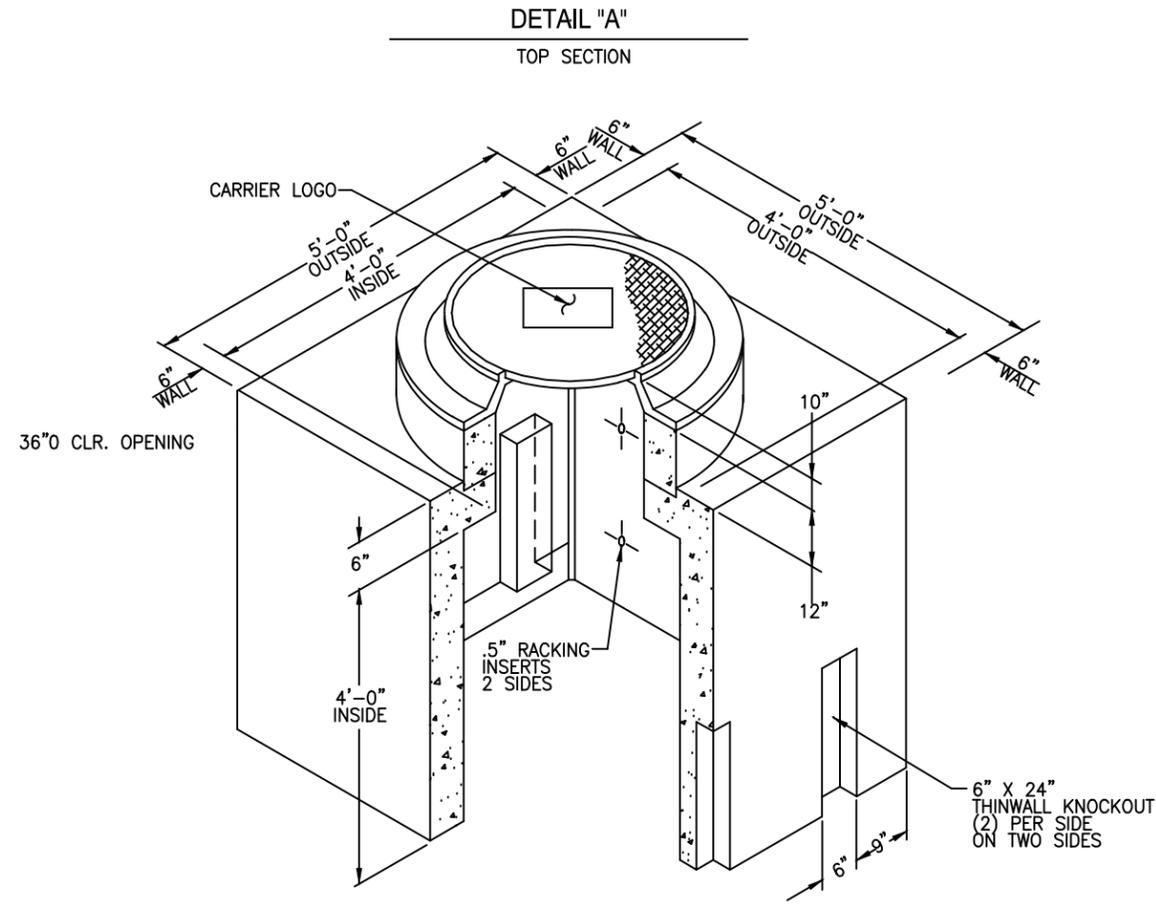
4' x 4' x 4' INTERCEPT MANHOLE DETAIL - TYPE 1



OUTSIDE PLANT CONSTRUCTION
PROJECT: 06351-001

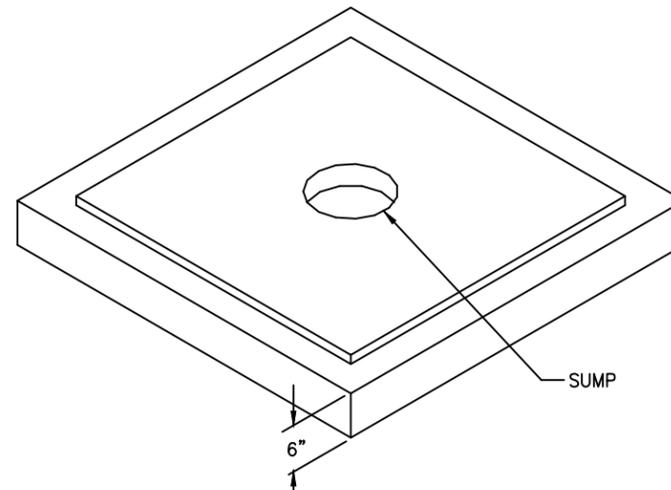
901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO. QUANTITY



DETAIL "B"

BOTTOM SLAB



APPROXIMATE
TOP SECTION WEIGHT
7300 LBS.

APPROXIMATE
BOTTOM SLAB WEIGHT
1900 LBS.

MINIMUM EXCAVATION
7' X 7'

NOTES:

1. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4,500 P.S.I.
2. REINFORCING STEEL SHALL COMPLY WITH ASTM A-615 GRADE 60. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARDS.
3. STANDARD STRUCTURAL DESIGN IS BASED ON AASHTO HS WHEEL LOADING.
4. WATER TABLE IS AT 3'-0" BELOW GRADE FOR STANDARD STRUCTURAL DESIGN.
5. DESIGNED & MANUFACTURED IN ACCORDANCE TO ASTM C854 AND ASTM C858.

MCI
MCI METRO ACCESS TRANSMISSION
SERVICES OF VIRGINIA, INC.
POP RELOCATION TO 901
PRINCE EDWARD ST-LATERAL A&B
FREDERICKSBURG, VA

DATE: 09/13/16

ENGINEER: NTD FIBER

DRAWN BY: NTD FIBER

REVISIONS

DATE	DESCRIPTION	INITIAL

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

SCALE

HORIZONTAL: N. T. S.

VERTICAL: N. T. S.

MP TO MP

SHEET 06 OF 23

FILE: 06351-001 .DWG

FREDERICKSBURG, VA PLAN VIEW



PROJECT: 06351-001

901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO.	QUANTITY
250	1 EA.
330	1 EA.
410	746'
420	428'
630	342'

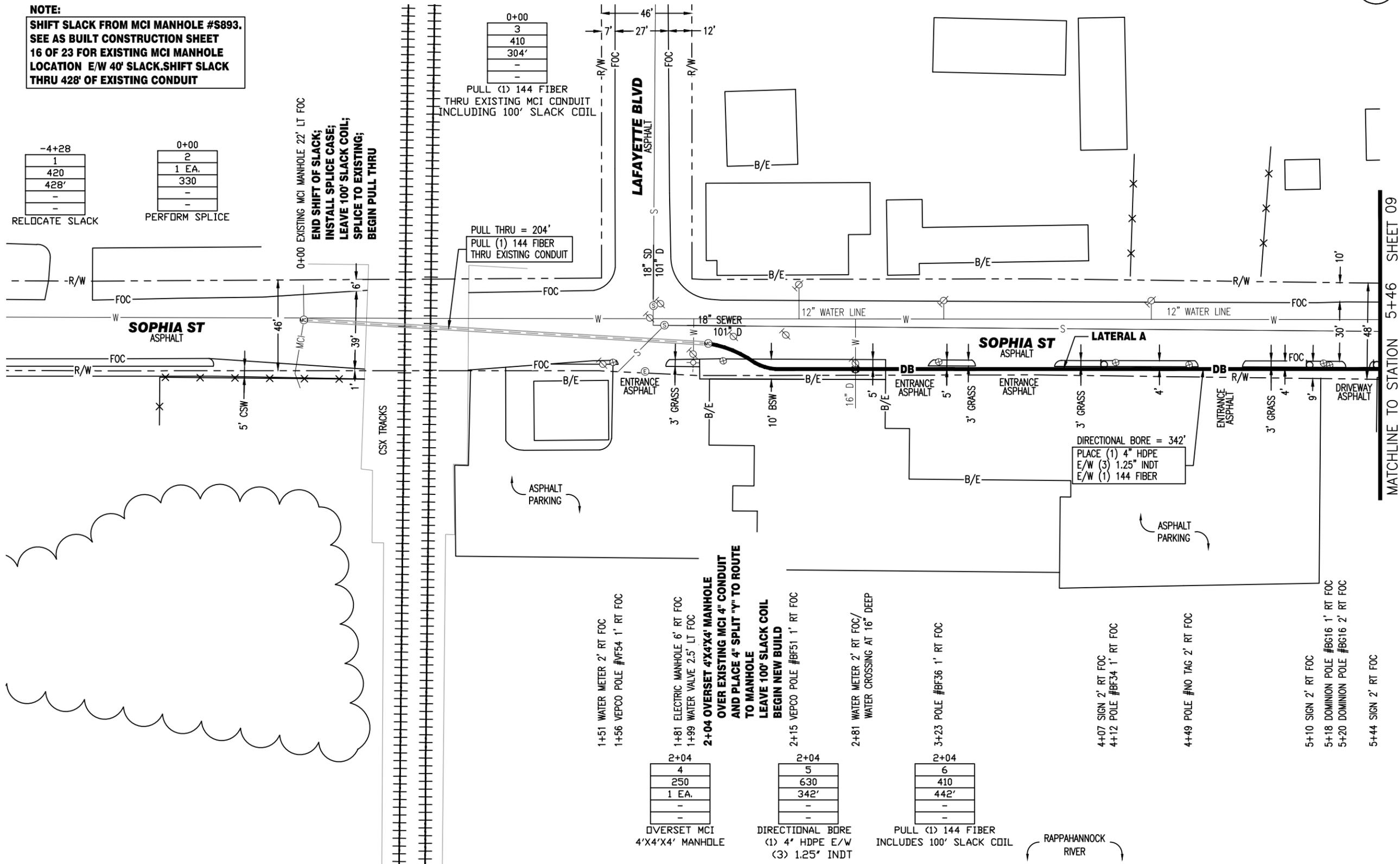
NOTE:
SHIFT SLACK FROM MCI MANHOLE #S893.
SEE AS BUILT CONSTRUCTION SHEET
16 OF 23 FOR EXISTING MCI MANHOLE
LOCATION E/W 40' SLACK. SHIFT SLACK
THRU 428' OF EXISTING CONDUIT

Station	Quantity
-4+28	1
420	428'
-	-
-	-

RELOCATE SLACK

Station	Quantity
0+00	2
1 EA.	330
-	-
-	-

PERFORM SPLICE



MATCHLINE TO STATION 5+46 SHEET 09

MCI NETWORK SERVICES OF VIRGINIA, INC.
PDP RELOCATION TO 901
PRINCE EDWARD ST-LATERAL A
FREDERICKSBURG, VA

DATE: 09/13/16
ENGINEER: NTD FIBER
DRAWN BY: NTD FIBER

REVISIONS		
DATE	DESCRIPTION	INITIAL

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CONTRACT, THESE DRAWINGS AND SPECIFICATIONS
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COMMUNICATION SERVICES, INC. BOTH BEING
ISSUED IN STRICT CONFIDENCE AND SHALL NOT BE
REPRODUCED, COPIED, OR USED FOR ANY PURPOSE
WITHOUT SPECIFIC WRITTEN PERMISSION.

SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'
MP ____ TO MP ____
SHEET 08 OF 23
FILE: 06351-001008.DWG

NOTE: 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' IN ADVANCE OF TRENCHING,
PLOWING OR BORING, SO THAT CHANGES
IN CABLE PLACEMENT CAN BE MADE IN
THE EVENT OF CONFLICT.

CALL TWO WORKING DAYS
BEFORE YOU DIG
1-800-552-7001
IT'S THE LAW!

ROW DERIVED FROM
FREDERICKSBURG GIS

**ISSUED FOR
CONSTRUCTION**

APPROVED BY: _____

1+51 WATER METER 2' RT FOC
1+56 VEPCO POLE #VF54 1' RT FOC

Station	Quantity
2+04	4
250	1 EA.
-	-
-	-

OVERSET MCI
4'X4'X4' MANHOLE

1+81 ELECTRIC MANHOLE 6' RT FOC
1+99 WATER VALVE 2.5' LT FOC

**2+04 OVERSET 4'X4'X4' MANHOLE
OVER EXISTING MCI 4' CONDUIT
AND PLACE 4' SPLIT 'Y' TO ROUTE
TO MANHOLE
LEAVE 100' SLACK COIL
BEGIN NEW BUILD**

Station	Quantity
2+04	5
630	342'
-	-
-	-

DIRECTIONAL BORE
(1) 4" HDPE E/W
(3) 1.25" INDT

2+15 VEPCO POLE #BF51 1' RT FOC

3+23 POLE #BF36 1' RT FOC

Station	Quantity
2+04	6
410	442'
-	-
-	-

PULL (1) 144 FIBER
INCLUDES 100' SLACK COIL

4+07 SIGN 2' RT FOC
4+12 POLE #BF34 1' RT FOC

4+49 POLE #NO TAG 2' RT FOC

5+10 SIGN 2' RT FOC
5+18 DOMINION POLE #BG16 1' RT FOC
5+20 DOMINION POLE #BG16 2' RT FOC
5+44 SIGN 2' RT FOC

RAPPAHANNOCK
RIVER

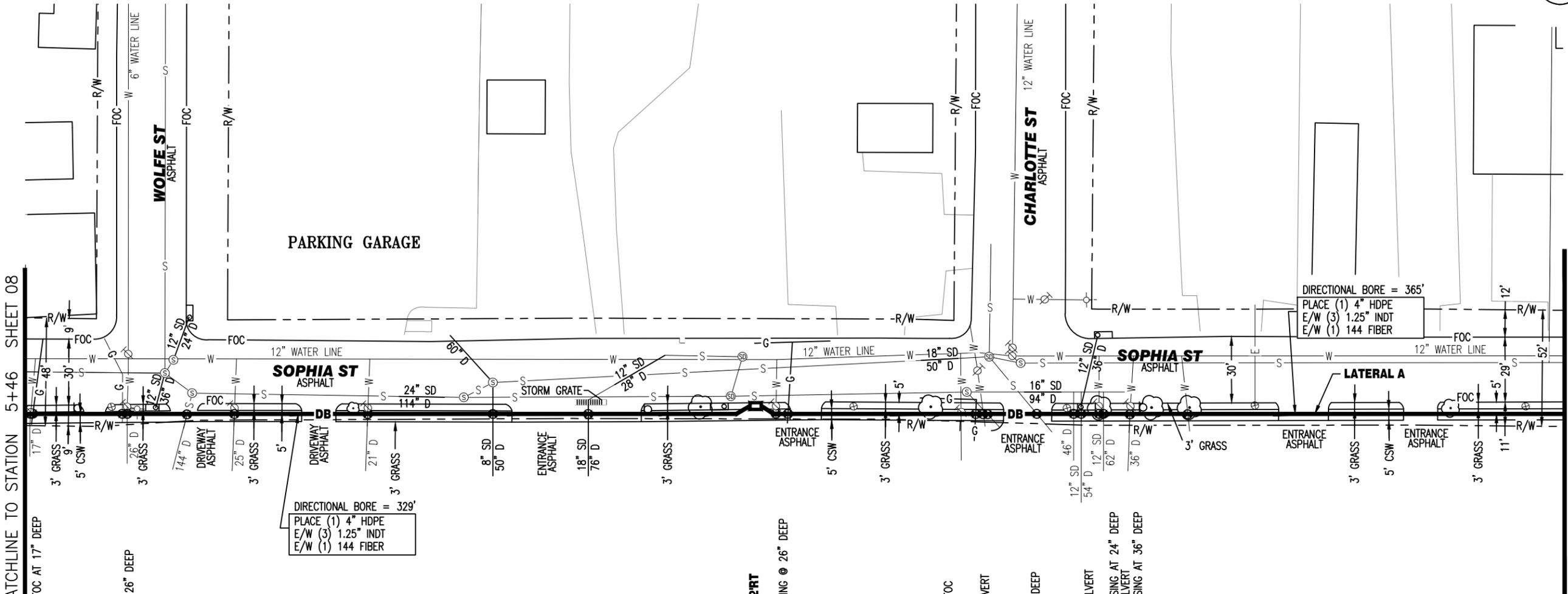
FREDERICKSBURG, VA PLAN VIEW



PROJECT: 06351-001

901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO.	QUANTITY
240	1 EA.
410	794'
630	694'



MATCHLINE TO STATION 5+46 SHEET 08

MATCHLINE TO STATION 12+40 SHEET 10

- 5+48 WATER CROSSING/WATER METER 2' RT FOC AT 17" DEEP
- 5+49 GAS CROSSING
- 5+69 SIGN 2' RT FOC
- 5+85 DOMINION POLE #B611 1' RT FOC
- 5+90 GAS CROSSING
- 5+92 WATER METER 1' RT FOC/CROSSING AT 26" DEEP
- 5+94 WATER CROSSING
- 5+96 FIRE HYDRANT 2' RT FOC
- 6+18 SEWER CROSSING AT 144" DEEP
- 6+40 WATER METER 2' RT FOC/
CROSSING AT 25" DEEP
- 6+93 TREE 2' RT FOC
- 7+00 WATER METER 2' RT FOC /
CROSSING AT 21" DEEP
- 7+56 SEWER CROSSING AT 50" DEEP
- 7+99 STORM DRAIN CROSSING AT 76" DEEP
- 8+26 SIGN 2' RT FOC
- 8+50 TREE 2' RT FOC
- 8+60 STORM GRATE 2' RT FOC
- 8+75 PLACE 3'X5'X3' MCI HANDHOLE 2'RT
LEAVE 100' SLACK COIL**
- 8+86 WATER METER 2' RT FOC/WATER CROSSING @ 26" DEEP
- 8+91 GAS CROSSING
- 9+20 DOMINION POLE #A687 2' RT FOC
- 9+55 TREE 2' RT FOC
- 9+69 WATER CROSSING/WATER METER 2' RT FOC
- 9+76 GAS CROSSING
- 9+78 SEWER CROSSING AT 68" DEEP, 16" CULVERT
- 9+79 WATER CROSSING AT 36" DEEP
- 10+01 SEWER CROSSING-CULVERT 18" , 63" DEEP
- 10+17 DOMINION POLE #A679 2' RT FOC
- 10+20 SEWER CROSSING AT 46" DEEP
- 10+24 SEWER CROSSING AT 54" DEEP, 12" CULVERT
- 10+31 TREE 2' RT FOC
- 10+42 WATER METER 2' RT FOC/WATER CROSSING AT 24" DEEP
- 10+44 SEWER CROSSING AT 60" DEEP, 12" CULVERT
- 10+45 WATER METER 2' RT FOC/WATER CROSSING AT 36" DEEP
- 10+51 SIGN 2' RT FOC
- 10+55 TREE 2' RT FOC
- 10+71 WATER CROSSING
- 10+72 TREE 2' RT FOC
- 11+01 DOMINION POLE #B611 1' RT FOC
- 11+89 TREE 2' RT FOC
- 12+23 DOMINION POLE #B611 1' RT FOC

5+46
1
630
329'
-
-

DIRECTIONAL BORE
(1) 4" HDPE E/W
(3) 1.25' INDT

5+46
2
410
329'
-
-

PULL (1) 144 FIBER

8+75
3
240
1 EA.
-
-

PLACE MCI
3'X5'X3' HANDHOLE

8+75
4
630
365'
-
-

DIRECTIONAL BORE
(1) 4" HDPE E/W
(3) 1.25' INDT

8+75
5
410
465'
-
-

PULL (1) 144 FIBER
INCLUDES 100' SLACK COIL

NOTE: 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' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



ROW DERIVED FROM
FREDERICKSBURG GIS

**ISSUED FOR
CONSTRUCTION**

APPROVED BY:

DATE: 09/13/16
ENGINEER: NTD FIBER
DRAWN BY: NTD FIBER

REVISIONS		
DATE	DESCRIPTION	INITIAL

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

SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'
MP _____ TO MP _____
SHEET 09 OF 23
FILE: 06351-001009.DWG

MCI NETWORK SERVICES OF VIRGINIA, INC.
POP RELOCATION TO 901
PRINCE EDWARD ST-LATERAL A
FREDERICKSBURG, VA

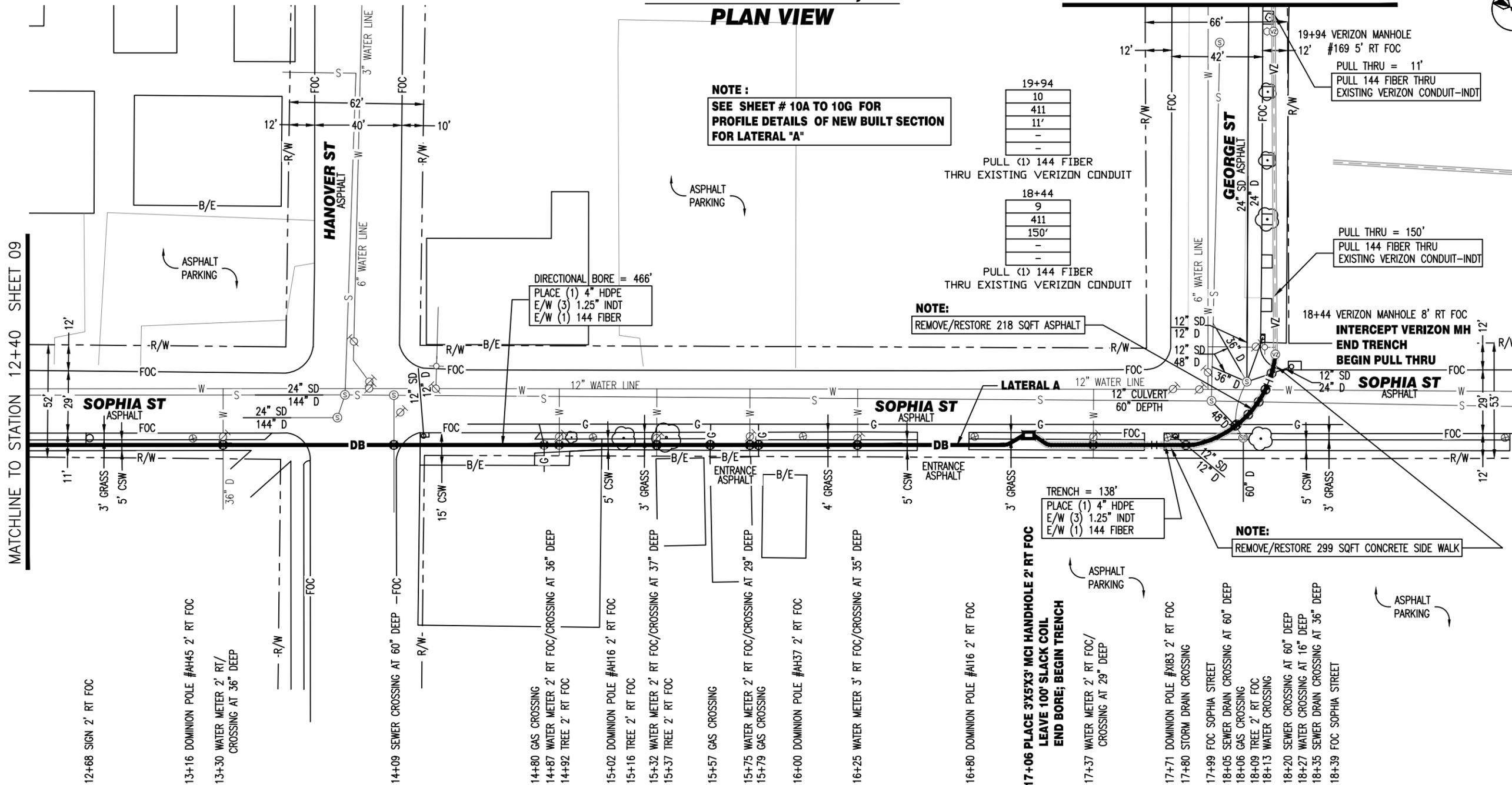
FREDERICKSBURG, VA PLAN VIEW

MATCHLINE TO STATION 20+05 SHEET 11



MATCHLINE TO STATION 12+40 SHEET 09

NOTE:
SEE SHEET # 10A TO 10G FOR
PROFILE DETAILS OF NEW BUILT SECTION
FOR LATERAL "A"



19+94
10
411
11'
-
-

PULL (1) 144 FIBER
THRU EXISTING VERIZON CONDUIT

18+44
9
411
150'
-
-

PULL (1) 144 FIBER
THRU EXISTING VERIZON CONDUIT

NOTE:
REMOVE/RESTORE 218 SQFT ASPHALT

TRENCH = 138'
PLACE (1) 4" HDPE
E/W (3) 1.25" INDT
E/W (1) 144 FIBER

NOTE:
REMOVE/RESTORE 299 SQFT CONCRETE SIDE WALK

12+40
1
630
466'
-
-

DIRECTIONAL BORE
(1) 4" HDPE E/W
(3) 1.25" INDT

12+40
2
410
466'
-
-

PULL (1) 144 FIBER

17+06
3
240
1 EA.
-
-

PLACE MCI
3'X5'X3' HANDHOLE

17+06
4
210A
138'
-
-

TRENCH
(1) 4" HDPE E/W
(3) 1.25" INDT

17+06
5
410
238'
-
-

PULL (1) 144 FIBER
INCLUDES 100' SLACK COIL

17+06
6
281
299 SQFT
-
-

REMOVE AND RESTORE
SIDEWALK

17+06
7
282
8'
-
-

REMOVE AND RESTORE
CURBING

17+06
8
270
218 SQFT
-
-

REMOVE AND RESTORE
ASPHALT

NOTE: 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' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



ROW DERIVED FROM
FREDERICKSBURG GIS

**ISSUED FOR
CONSTRUCTION**

APPROVED BY: _____

PROJECT: 06351-001
901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO.	QUANTITY
210A	138'
212	604'
240	1 EA.
270	218 SQFT
281	299 SQFT
282	8'
410	704'
411	161'
630	466'

MCI NETWORK SERVICES OF VIRGINIA, INC.
POP RELOCATION TO 901
PRINCE EDWARD ST-LATERAL A
FREDERICKSBURG, VA

DATE: 09/13/16
ENGINEER: NTD FIBER
DRAWN BY: NTD FIBER

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'
MP _____ TO MP _____
SHEET 10 OF 23
FILE: 06351-001010.DWG

FREDERICKSBURG, VA PLAN VIEW



PROJECT: 06351-001

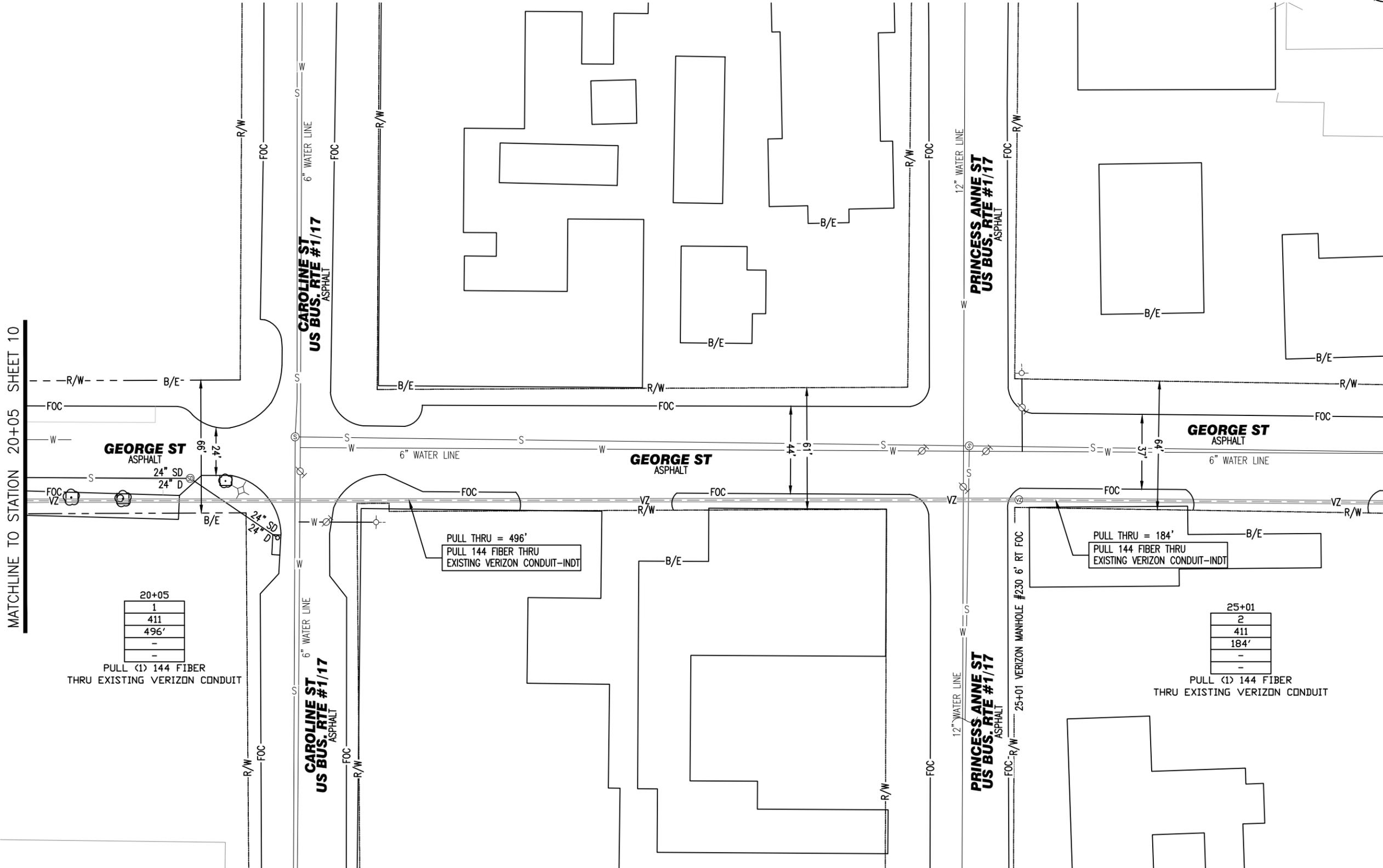
901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO. QUANTITY

411	680'
-----	------

MATCHLINE TO STATION 20+05 SHEET 10

MATCHLINE TO STATION 26+85 SHEET 12



20+05
1
411
496'
-
-

PULL (1) 144 FIBER THRU EXISTING VERIZON CONDUIT

25+01
2
411
184'
-
-

PULL (1) 144 FIBER THRU EXISTING VERIZON CONDUIT

NOTE: 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' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



**CALL TWO WORKING DAYS BEFORE YOU DIG
1-800-552-7001
IT'S THE LAW!**

ROW DERIVED FROM FREDERICKSBURG GIS

ISSUED FOR CONSTRUCTION

APPROVED BY: _____

MCI NETWORK SERVICES OF VIRGINIA, INC.

POP RELOCATION TO 901 PRINCE EDWARD ST-LATERAL A FREDERICKSBURG, VA

DATE: 09/13/16

ENGINEER: NTD FIBER

DRAWN BY: NTD FIBER

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1" = 50'

VERTICAL: 1" = 50'

MP _____ TO MP _____

SHEET 11 OF 23

FILE: 06351-001011.DWG

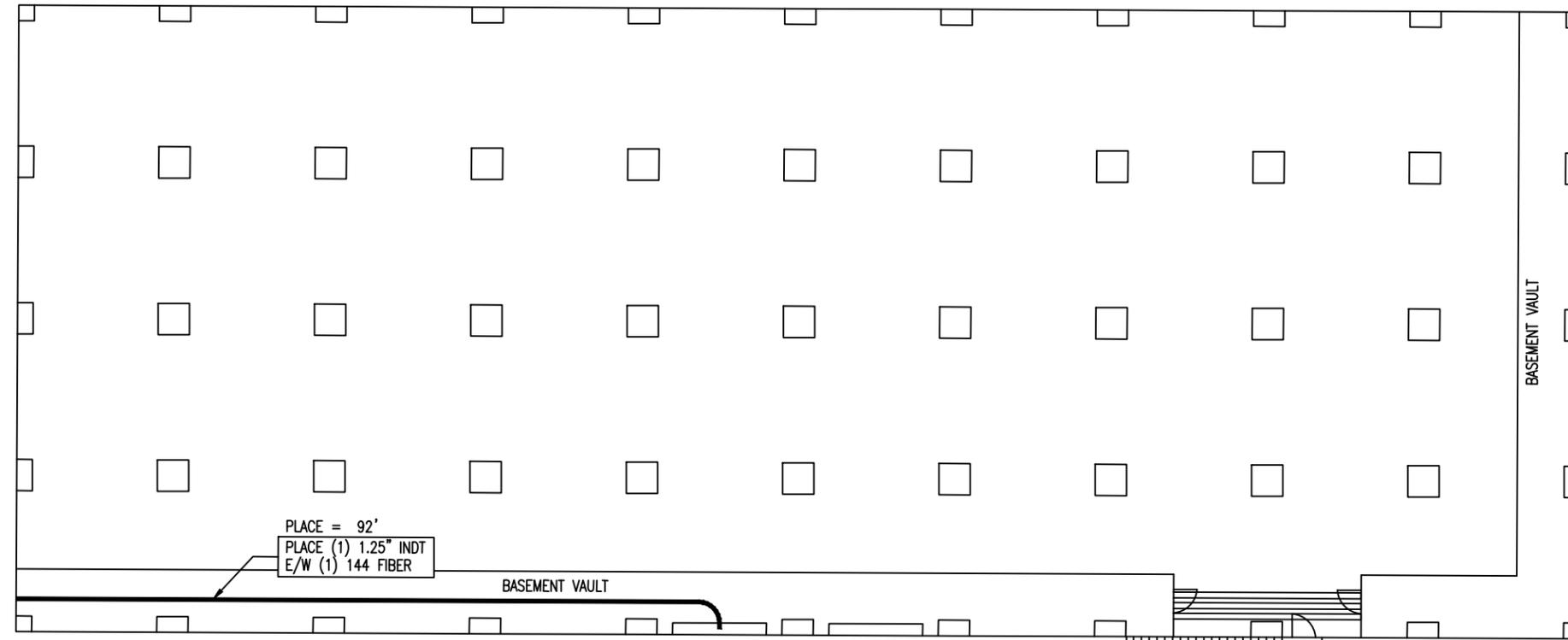
FREDERICKSBURG, VA
900 PRINCE EDWARD ST
 BASEMENT FLOOR



PROJECT: 06351-001

901 PRINCE EDWARD ST
 FREDERICKSBURG, VA

CLARIFICATION NO.	QUANTITY
210B	92'
410	92'



30+37 FIBER ENTERS BASEMENT VAULT THRU EXISTING CONDUIT

31+29 FIBER LEAVES BASEMENT FLOOR THRU RISER DUCTS SEE SHEET 14

30+37
1
210B
92'
-
-

PLACE (1) 1.25' INDT

30+37
2
410
92'
-
-

PULL (1) 144 FIBER

MCI NETWORK SERVICES OF VIRGINIA, INC.
 POP RELOCATION TO 901 PRINCE EDWARD ST-LATERAL A FREDERICKSBURG, VA

DATE: 09/13/16

ENGINEER: NTD FIBER

DRAWN BY: NTD FIBER

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1" = 20'

VERTICAL: 1" = 20'

MP _____ TO MP _____

SHEET 13 OF 23

FILE: 06351-001013.DWG

NOTE: 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' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



CALL TWO WORKING DAYS BEFORE YOU DIG
 1-800-552-7001
 IT'S THE LAW!

ROW DERIVED FROM FREDERICKSBURG GIS

ISSUED FOR CONSTRUCTION

APPROVED BY: _____

FREDERICKSBURG, VA
900 PRINCE EDWARD ST
 RISER DETAIL



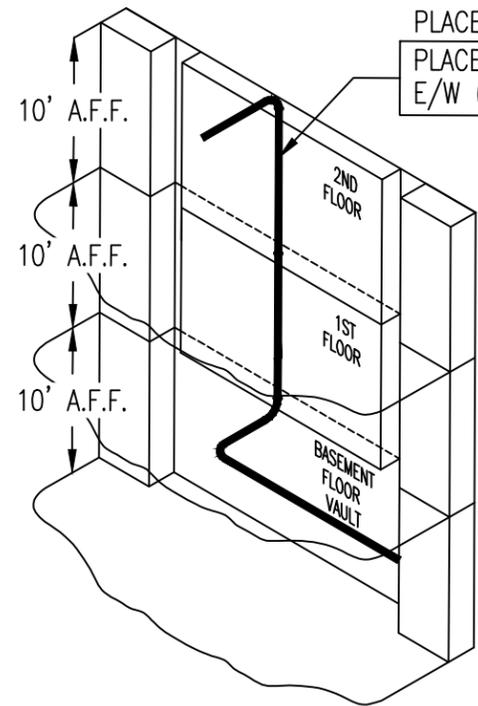
PROJECT: 06351-001

901 PRINCE EDWARD ST
 FREDERICKSBURG, VA

CLARIFICATION NO.	QUANTITY
210B	22'
410	22'

RISER DETAIL
BASEMENT LEVEL THRU 2ND FLOOR

N.T.S.



PLACE = 22'
 PLACE (1) 1.25" INDT
 E/W (1) 144 FIBER

31+51 FIBER ENTERS 2ND FLOOR CEILING
 SEE SHEET 15

31+40 FIBER LEAVES 1ST FLOOR
 THRU RISER DUCTS,
 ENTERS 2ND FLOOR

31+29 FIBER LEAVES BASEMENT FLOOR
 THRU RISER DUCTS,
 ENTERS 1ST FLOOR

NOTE:
ACCOUNTING
FOR 1' THICK
FLOOR LEVELS

31+29
1
210B
22'
-
-

PLACE (1) 1.25" INDT

31+29
2
410
22'
-
-

PULL (1) 144 FIBER

MCI NETWORK SERVICES OF VIRGINIA, INC.
 PDP RELOCATION TO 901
 PRINCE EDWARD ST-LATERAL A
 FREDERICKSBURG, VA

DATE: 09/13/16

ENGINEER: NTD FIBER

DRAWN BY: NTD FIBER

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: N. T. S.

VERTICAL: N. T. S.

MP _____ TO MP _____

SHEET 14 OF 23

FILE: 06351-001014.DWG

NOTE: 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' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



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ISSUED FOR
CONSTRUCTION

APPROVED BY:

FREDERICKSBURG, VA
901 PRINCE EDWARD ST
 2ND FLOOR



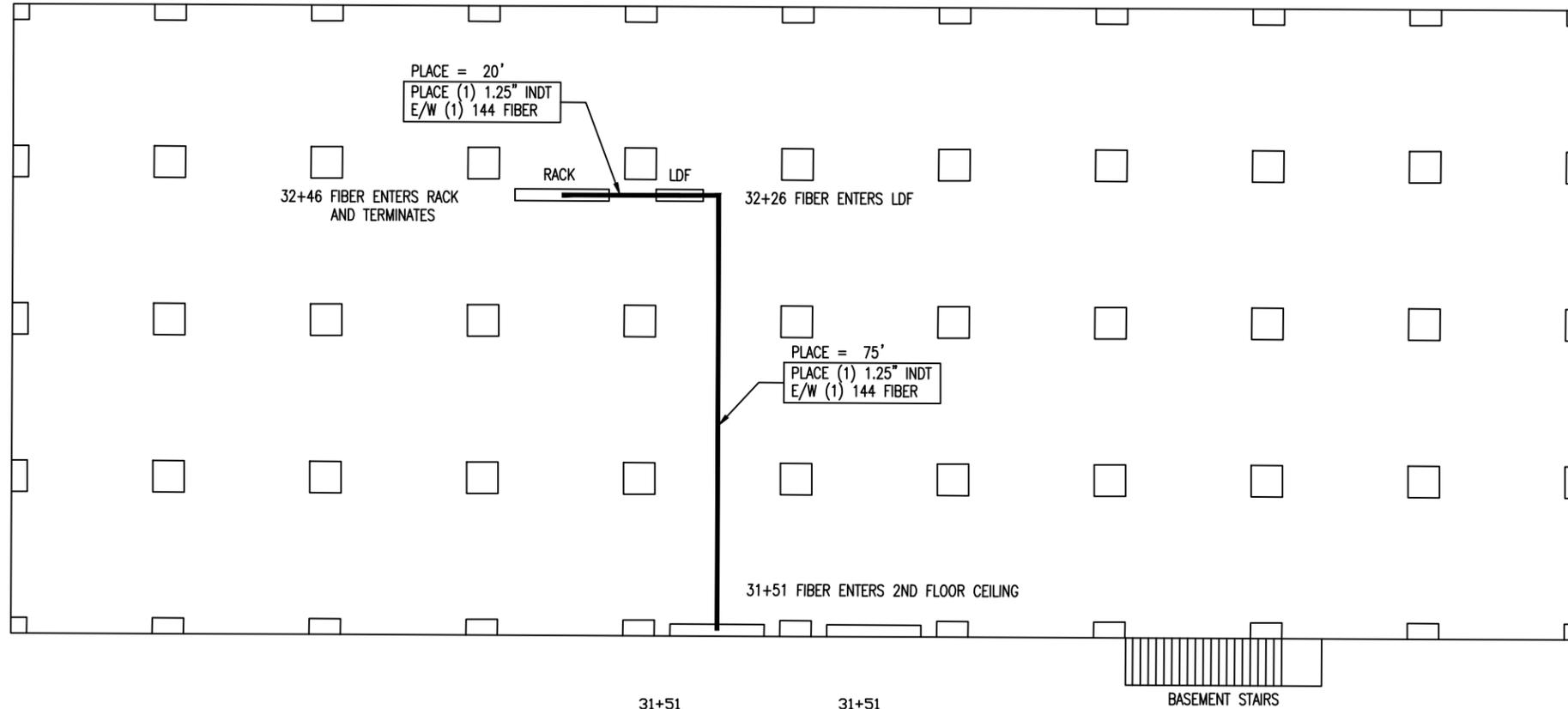
PROJECT: 06351-001

901 PRINCE EDWARD ST
 FREDERICKSBURG, VA

CLARIFICATION NO.	QUANTITY
210B	95'
410	95'

31+51	32+26
3	4
210B	410
20'	20'
-	-
-	-

PLACE (1) 1.25" INDT PULL (1) 144 FIBER



31+51	31+51
1	2
210B	410
75'	75'
-	-
-	-

PLACE (1) 1.25" INDT PULL (1) 144 FIBER

MCI NETWORK SERVICES OF VIRGINIA, INC.
 PDP RELOCATION TO 901
 PRINCE EDWARD ST-LATERAL A
 FREDERICKSBURG, VA

DATE: 09/13/16

ENGINEER: NTD FIBER

DRAWN BY: NTD FIBER

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1" = 20'

VERTICAL: 1" = 20'

MP _____ TO MP _____

SHEET 15 OF 23

FILE: 06351-001015.DWG

NOTE: 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' IN ADVANCE OF TRENCHING, PLOWING OR BORING, SO THAT CHANGES IN CABLE PLACEMENT CAN BE MADE IN THE EVENT OF CONFLICT.



ROW DERIVED FROM
 FREDERICKSBURG GIS

**ISSUED FOR
 CONSTRUCTION**

APPROVED BY: _____

FREDERICKSBURG, VA 900 PRINCE EDWARD ST



PROJECT: 06351-001

901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO. QUANTITY

PROJECT: # 03121	
SPAN: _____	
TO _____	
MAP FOOTAGE	2640 LF
SURVEY	2640 LF
RAILROAD	2640 LF
MATERIAL LIST	
CABLE	3100'
4" A/P	100'
4" PVC	2704'
HANDHOLE 3'x5'x4'	1
8' CA. MKR	9
1 3/8" INNERDUCT	4940'
10" STEEL CASING	60'

MCI
TELECOMMUNICATIONS CORPORATION
LIGHTWAVE SYSTEMS
TITLE: FIBER OPTIC CABLE ROUTE
RICHMOND VA. TO WASHINGTON D.C.

DATE: _____
ENGINEER: _____

REVISIONS		
DATE	DESCRIPTION	INITIAL
8-14-09	DESIGN	GN
8-28-09	REVISION	GN
12-9-09	MAINT #90669F	CD

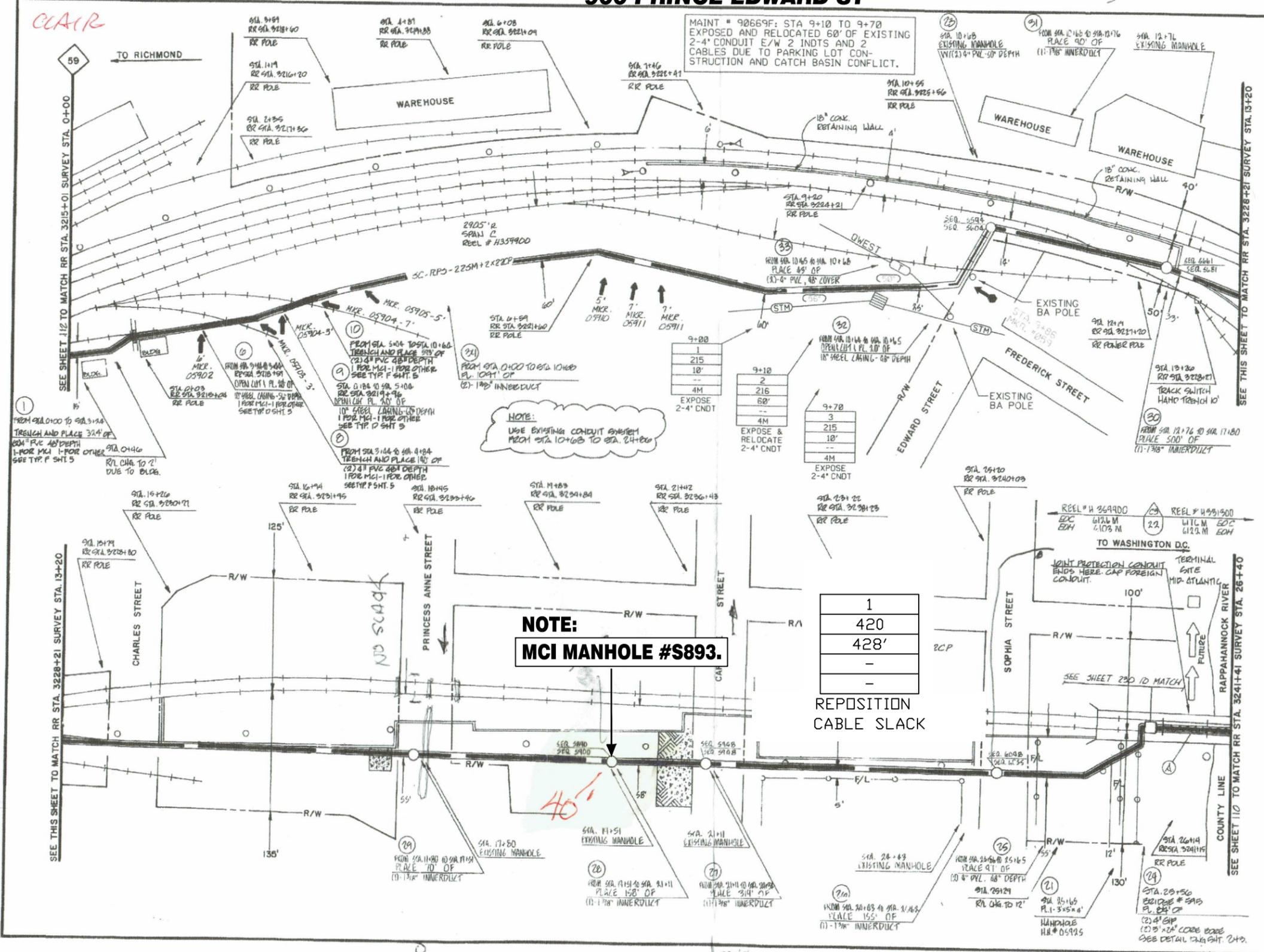
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TOLERANCES UNLESS OTHERWISE SPECIFIED:
XXX+1.00
ANGLES +30'
FRACTIONS: 1/32"

SCALE
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 50'

DEPT. ID 059 LOC. ID 081
MP 59 TO MP 60
SHEET 111 OF 249
DWS. NO. 031240011AA.LDR
031240011AA.CIT

MCI NETWORK SERVICES OF VIRGINIA, INC.
POP RELOCATION TO 901 PRINCE EDWARD ST-LATERAL A FREDERICKSBURG, VA



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ISSUED FOR CONSTRUCTION

APPROVED BY: _____

SCALE
HORIZONTAL: 1" = 20'
VERTICAL: N. T. S.
MP _____ TO MP _____
SHEET 16 OF 23
FILE: 06351-001016.DWG

FREDERICKSBURG, VA



PROJECT: 06351-001

901 PRINCE EDWARD ST
FREDERICKSBURG, VA

CLARIFICATION NO. QUANTITY

210A	25'
240A	1 EA.
240B	1 EA.
250	1 EA.
270	60 SQFT
282	5 SQFT
330	1 EA.
410	866'
411	357'
420	230'
630	541'

MCI NETWORK SERVICES OF VIRGINIA, INC.
POP RELOCATION TO 901 PRINCE EDWARD ST-LATERAL B. FREDERICKSBURG, VA

DATE: 09/13/16

ENGINEER: NTD FIBER

DRAWN BY: NTD FIBER

REVISIONS

DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1" = 30'

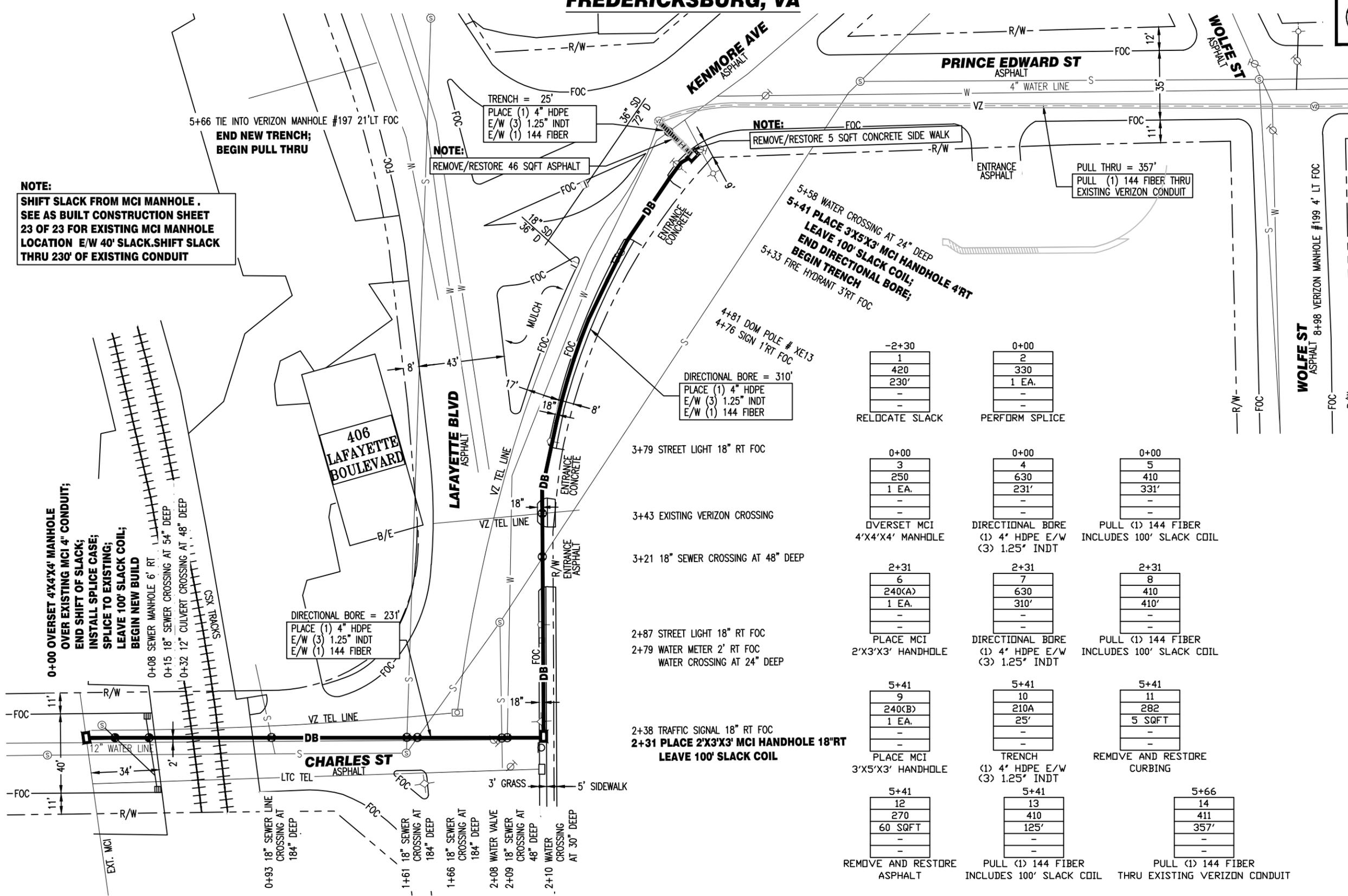
VERTICAL: 1" = 30'

MP TO MP

SHEET 17 OF 23

FILE: 06351-001017.DWG

MATCHLINE TO STATION 9+23 SHEET 18



NOTE:
SHIFT SLACK FROM MCI MANHOLE .
SEE AS BUILT CONSTRUCTION SHEET
23 OF 23 FOR EXISTING MCI MANHOLE
LOCATION E/W 40' SLACK. SHIFT SLACK
THRU 230' OF EXISTING CONDUIT

**0+00 OVERSET 4'X4' MANHOLE
OVER EXISTING MCI 4' CONDUIT;
END SHIFT OF SLACK;
INSTALL SPLICE CASE;
SPlice TO EXISTING;
LEAVE 100' SLACK COIL;
BEGIN NEW BUILD**

NOTE:
TRENCH = 25'
PLACE (1) 4" HDPE
E/W (3) 1.25" INDT
E/W (1) 144 FIBER

NOTE:
REMOVE/RESTORE 5 SQFT CONCRETE SIDE WALK

**5+58 WATER CROSSING AT 24" DEEP
5+41 PLACE 3'X3' MCI HANDHOLE 4'RT
LEAVE 100' SLACK COIL;
END DIRECTIONAL BORE;
BEGIN TRENCH
5+33 FIRE HYDRANT 3'RT FOC**

DIRECTIONAL BORE = 310'
PLACE (1) 4" HDPE
E/W (3) 1.25" INDT
E/W (1) 144 FIBER

DIRECTIONAL BORE = 231'
PLACE (1) 4" HDPE
E/W (3) 1.25" INDT
E/W (1) 144 FIBER

-2+30
1
420
230'
-
-

RELOCATE SLACK

0+00
2
330
1 EA.
-
-

PERFORM SPLICE

0+00
3
250
1 EA.
-
-

OVERSET MCI
4'X4' MANHOLE

0+00
4
630
231'
-
-

DIRECTIONAL BORE
(1) 4" HDPE E/W
(3) 1.25" INDT

0+00
5
410
331'
-
-

PULL (1) 144 FIBER
INCLUDES 100' SLACK COIL

2+31
6
240(A)
1 EA.
-
-

PLACE MCI
2'X3'X3' HANDHOLE

2+31
7
630
310'
-
-

DIRECTIONAL BORE
(1) 4" HDPE E/W
(3) 1.25" INDT

2+31
8
410
410'
-
-

PULL (1) 144 FIBER
INCLUDES 100' SLACK COIL

5+41
9
240(B)
1 EA.
-
-

PLACE MCI
3'X5'X3' HANDHOLE

5+41
10
210A
25'
-
-

TRENCH
(1) 4" HDPE E/W
(3) 1.25" INDT

5+41
11
282
5 SQFT
-
-

REMOVE AND RESTORE
CURBING

5+41
12
270
60 SQFT
-
-

REMOVE AND RESTORE
ASPHALT

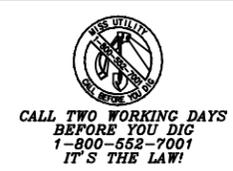
5+41
13
410
125'
-
-

PULL (1) 144 FIBER
INCLUDES 100' SLACK COIL

5+66
14
411
357'
-
-

PULL (1) 144 FIBER
THRU EXISTING VERIZON CONDUIT

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ISSUED FOR CONSTRUCTION

APPROVED BY:

