



# ACCESS TRANSMISSION SERVICES LLC D/B/A VERIZON ACCESS TRANSMISSION

**OUTSIDE PLANT CONSTRUCTION  
FIBER OPTIC CABLE ROUTE**

## **CITY OF MAPLE GROVE ROW PERMIT MAPLE GROVE, MINNESOTA**

PERMIT1810BRWH.19\_MPLG: LOCATED AT INTERSECTION OF HEMLOCK LANE N. AND ELM CREEK N. BOULEVARD, PROCEEDING EAST ON ELM CREEK N. BOULEVARD TO NEAR INTERSECTION WITH FOUNTAIN DRIVE N.



**PERMIT STATUS: ISSUED FOR PERMITTING**

**REVIEW:09/30/2022**

PREPARED BY  
KLJ ENGINEERING,LLC  
370 WABASHA STREET N.  
SUITE 300  
ST. PAUL, MINNESOTA 55102  
PHONE (651)222-2176



Know what's below.  
Call **811** before you dig.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
TRAVIS JOHN JONES  
Signature: Travis Jones  
Date: 09/30/2022 license # 54688



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- A-2 INDEX SHEET
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 TRAVIS JOHN JONES  
 Signature: *Travis Jones*  
 Date: 10/03/2022 license # 54688



PROJECT: 1810BRWH.19\_MPLG

MAPLE GROVE, MN

CLARIFICATION NO.	QUANTITY

MCImetro ACCESS TRANSMISSION SERVICES, LLC  OUTSIDE PLANT CONSTRUCTION INDEX SHEET
--

DATE: 01/29/2021  
 ENGINEER: KLJ  
 DRAWN BY: N. WALLENTA

REVISIONS		
DATE:	DESCRIPTION	INITIAL

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.

SCALE

HORIZONTAL:  
 VERTICAL:  
 MP \_\_\_\_\_ TO MP \_\_\_\_\_  
 SHEET A-2 OF A-6  
 FILE: MINNEAPOLIS\_ContactSheet

# CONTACT SHEET



PROJECT: 1810BRWH.19\_MPLG

MAPLE GROVE, MN

CLARIFICATION NO.	QUANTITY

**VERIZON BUSINESS**

ANDREW FRETTE  
OSP ENGINEER  
1200 WASHINGTON AVENUE N.  
MINNEAPOLIS, MN  
612-919-1751  
ANDREW.FRETTE@VERIZON.COM

**CONSTRUCTION CONTRACTOR**

MP NEXLEVEL, LLC  
BILL BORELL  
AREA MANAGER  
500 COUNTY ROAD 37E MAPLE LAKE, MN 55358  
320-963-2400  
BBORELL@MPNEXLEVEL.COM

**CITY GOVERNMENT**

CITY OF MAPLE GROVE  
BUILDING INSPECTION SERVICES  
12800 ARBOR LAKES PARKWAY  
MAPLE GROVE, MN 55369  
763-494-6060

DANIELLE CHENEY - PERMITS  
763-494-6066  
dcheney@maplegrovern.gov

JAY HUSEBY - PLAN REVIEW  
763-494-6074  
jhuseby@maplegrovern.gov

**COUNTY GOVERNMENT**

HENNEPIN COUNTY TRANSPORTATION OPERATIONS  
MIKE OLMSTEAD  
PERMIT SUPERVISOR  
612-596-0336  
MICHAEL.OLMSTEAD@HENNEPIN.MN.US  
ROADPERMITS@CO.HENNEPIN.MN.US

MCImetro  
ACCESS TRANSMISSION SERVICES, LLC



OUTSIDE PLANT CONSTRUCTION

CONTACT INFORMATION

DATE: 03/19/2021

ENGINEER: KLJ

DRAWN BY: N. WALLENTA

**REVISIONS**

DATE:	DESCRIPTION	INITIAL

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**SCALE**

**HORIZONTAL:**

**VERTICAL:**

MP \_\_\_\_\_ TO MP \_\_\_\_\_

SHEET   A-3   OF   A-6  

FILE: MINNEAPOLIS\_ContactSheet

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Signature: Travis Jones  
Date: 10/03/2022 License # 54688



PROJECT: 1810BRWH.19\_MPLG

MAPLE GROVE, MN

**GENERAL NOTES:**

**1. VERIZON BUSINESS COMPRISES THE FOLLOWING OPERATING ENTITIES:**

- MCI COMMUNICATIONS SERVICES, INC.
- MCI METRO ACCESS TRANSMISSION SERVICES, LLC
- MCI METRO ACCESS TRANSMISSION SERVICES OF VIRGINIA, INC.
- MCI METRO ACCESS TRANSMISSION SERVICES OF MASSACHUSETTS, INC
- METROPOLITIAN FIBER SYSTEMS OF NEW YORK, INC.

**2. ALL WORK TO BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES OR REQUIREMENTS OF ANY REGULATING GOVERNMENTAL AGENCY, VERIZON BUSINESS AND THE RIGHT-OF-WAY GRANTOR.**

**3. LOCATIONS OF THE PHYSICAL FEATURES WERE OBTAINED FROM A COMBINATION OF FIELD OBSERVATIONS, RECORD DRAWINGS, AND PUBLICLY AVAILABLE INFORMATION/MAPPING. CONTRACTOR TO CONFIRM ACTUAL LOCATIONS OF EXISTING FEATURES ON THE GROUND PRIOR TO CONSTRUCTION, UTILITY LOCATIONS SHALL BE VERIFIED AT LEAST 100 FEET IN ADVANCE OF TRENCHING OR PLOWING, SO CHANGES CAN BE MADE IN CABLE PLACEMENT IN THE EVENT OF DISCOVERING A CONFLICT WITH EXISTING UTILITIES.**

**4. ANY AND ALL IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENT, CURBS, GUTTERS, WALKS, DRAINAGE DITCHES, EMBANKMENTS, SHRUBS, TREES, GRASS SOD, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL CONDITION.**

**5. EQUIPMENT TYPES SPECIFIED HEREIN (IE: "BACKHOE", SWAMP PLOW" ETC.) ARE SUGGESTIONS ONLY AND ARE NOT INTENDED AS REQUIREMENTS. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS AND METHODS WHICH ARE IN ACCORDANCE WITH LOCAL REGULATIONS AND ACCEPTED PRACTICES FOR THE RESPECTIVE INSTALLATION LOCATIONS.**

**6. CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH APPLICABLE OSHA REGULATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO SHORING OF EXCAVATIONS AND TRENCHES.**

**7. BURIED CABLE MARKERS WILL BE PLACED AT ALL UNDERGROUND UTILITY LOCATIONS AND ALL OTHER LOCATIONS IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND THE CURRENT VERSION OF THE OUTSIDE PLANT HANDBOOK.**

**8. ALL 2" ID CONDUIT WILL BE HDPE, OR AS SPECIFIED.**

**9. UNDERGROUND CONDUIT WILL BE PLACED AT 36" MINIMUM COVER UNLESS OTHERWISE SPECIFIED ON THE CONSTRUCTION DRAWINGS.**

**ADDITIONAL GENERAL CONSTRUCTION NOTES:**

**1. CONTRACTOR SHALL MAINTAIN A COPY OF ALL APPROVED PERMITS FROM ALL APPLICABLE AGENCIES WHEN WORKING ON-SITE. IF A PERMIT IS PENDING OR MISSING, CONTRACTOR SHALL PROVIDE WRITTEN COMMUNICATION RELATED TO THE NECESSARY PERMIT FOR CLARIFICATION BY ENGINEER.**

**2. ANY LANDSCAPING WILL BE REPLACED TO EQUAL OR BETTER THAN THAT WHICH EXISTED PRIOR TO WORK.**

**3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURING THE PROJECT SITE AT THE END OF EACH DAY AS REQUIRED TO PROVIDE PUBLIC SAFETY FROM THE CONSTRUCTION AREA.**

**4. ALL WORK IS TO BE IN ACCORDANCE WITH ANY REGULATORY AUTHORITIES AND/OR STAKEHOLDERS HAVING JURISDICTION WITHIN THE WORK ZONE.**

**5. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS, QUANTITIES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.**

**6. BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL TAKE APPROPRIATE PRECAUTIONS TO AVOID ANY POTENTIAL OBSTRUCTIONS PRIOR TO PROCEEDING WITH WORK.**

**7. NO CONSTRUCTION ON PRIVATE PROPERTY WILL COMMENCE UNTIL APPROVAL IS GIVEN BY THE APPROPRIATE MCI EMPLOYEE.**

**8. AS-BUILTS WILL BE REQUIRED FOR EACH PROJECT INCLUDING CABLE FOOTAGE SEQUENTIAL'S AT EVERY ACCESS POINT, SLACK LOOP, SPLICE LOCATION, POLE AND TERMINATION POINT. CONTRACTOR SHALL PROVIDE NOTES OF ALL CHANGES IN DEPTHS, RUNNING LINES, MH/HH LOCATIONS, AND ANY OTHER APPLICABLE NOTES TO DEPICT THE WORK THAT TOOK PLACE. ALL MAJOR CHANGES NEED TO BE PRE-APPROVED BY AN AUTHORIZED AGENCY/MCI EMPLOYEE PRIOR TO STARTING THE WORK.**

**9. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO UTILIZE THE GOPHER STATE ONE CALL EXCAVATION NOTICE SYSTEM REQUIRED MN STATUTE, CHAPTER 216D FOR ALL UNDERGROUND UTILITY LOCATIONS.**

MCI metro  
 ACCESS TRANSMISSION SERVICES, LLC  
 MCI  
 OUTSIDE PLANT CONSTRUCTION  
 UTILITY INSTALLATION NOTES

DATE: 01/29/2021

ENGINEER: KLJ

DRAWN BY: N.WALLENTA

**REVISIONS**

DATE:	DESCRIPTION	INITIAL
2/2/2021	NOTE UDPATES	NW

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**SCALE**

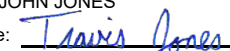
**HORIZONTAL:**

**VERTICAL:**

MP \_\_\_\_\_ TO MP \_\_\_\_\_

SHEET A-4 OF A-6

FILE: MINNEAPOLIS\_GeneralNotes

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
 TRAVIS JOHN JONES  
 Signature:   
 Date: 10/03/2022 license # 54688




# LOCATION MAP



PROJECT: 1810BRWH.19\_MPLG

MAPLE GROVE, MN

CLARIFICATION NO.	QUANTITY
C100	
C110	
C120	
C200	
C300	
AER 864	
AER 432	
UG 864	
UG 432	
UG 288	
UG 144	
UG 96	
UG 72	
UG 48	
OVERPULL	
2" HDPE = C100	
HH 24"x36"x24"	
HH 30"x60"x30"	
WARNING SIGN	
ANCHOR GUY	
AER SLACK LOOP	
SPLICE CLOSURE	
1 FUSION SPLICE	
12 RIBBON SPLICE	
FDH	
MST	
MST LENGTH	

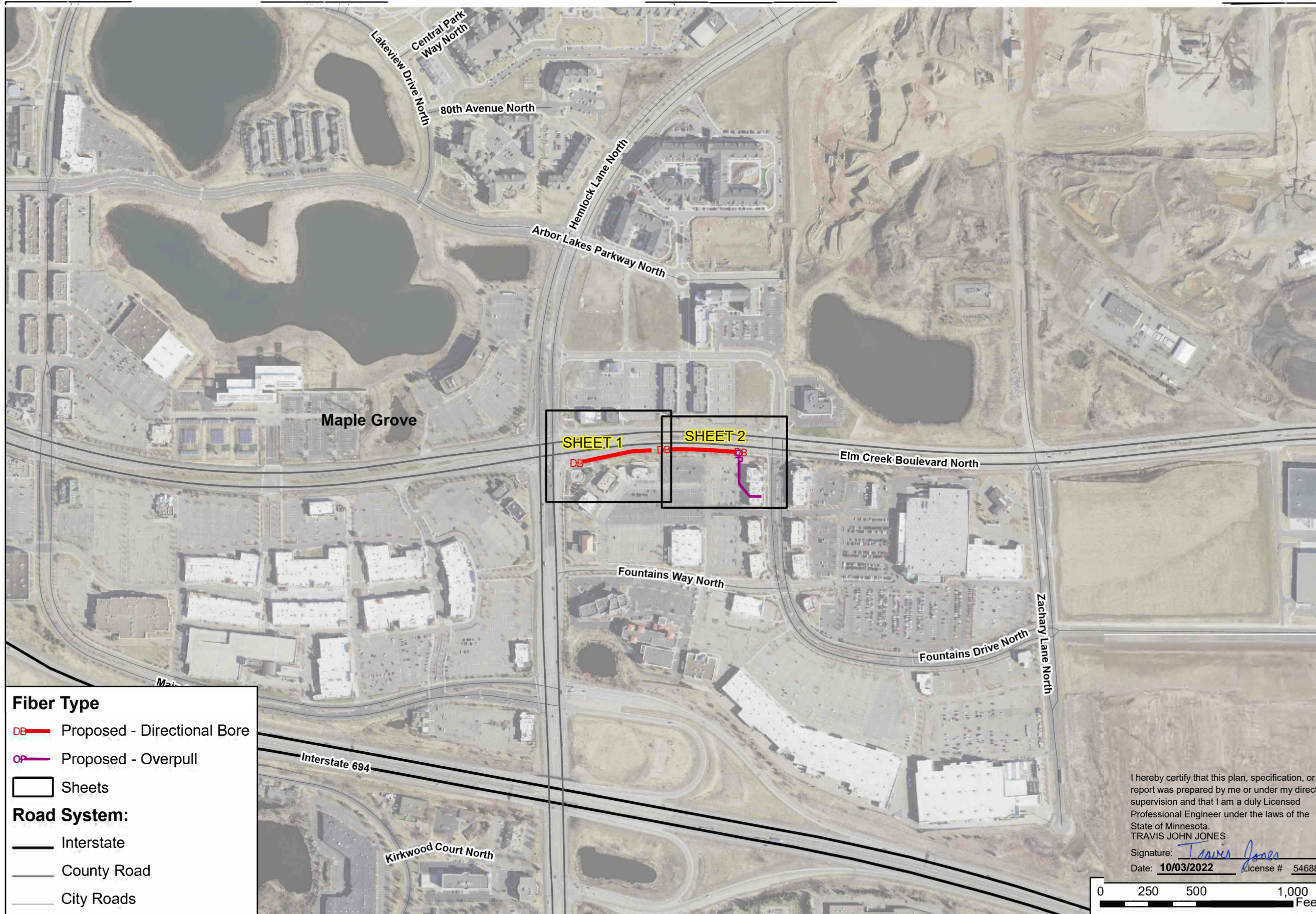
MCI metro  
 A CCESS TRANSMISSION SRV I CES, LLC  
  
 OUTSIDE PLANT CONSTRUCTION  
 TITLE FIBER OPTIC CABLE ROUTE  
 1810BRWH .19 M P

DATE: 9/21/2022  
 ENGINEER: KLJ  
 DRAWN BY: K. ZAVORAL

REVISIONS		
DATE:	DESCRIPTION	INITIAL

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SCALE  
 HORIZONTAL: 1:6,000  
 VERTICAL: 1:6,000  
 MP TO MP  
 SHEET 1 OF 1



**Fiber Type**

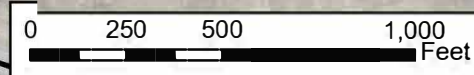
- DB — Proposed - Directional Bore
- OP — Proposed - Overpull

□ Sheets

**Road System:**

- Interstate
- County Road
- City Roads

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 TRAVIS JOHN JONES  
 Signature: *Travis Jones*  
 Date: 10/03/2022 License # 54688







PROJECT 1810BRWH.19\_MPLG

MAPLE GROVE, MN

# Legend

	DIRECT BURIED HDPE - NEW		HANDHOLE - NEW
	DIRECT BURIED HDPE - EXISTING / PLANNED MCI		HANDHOLE - EXISTING
	AERIAL CABLE - EXISTING / PLANNED MCI FIBER		MAN HOLE
	OVERPULL FIBER		SLACK LOOP
	PROPOSED - AERIAL		FIRE HYDRANT
	STATION LINE		POWER POLE
	RIGHT OF WAY		SPLICE CLOSURE - NEW
	SECTION LINE		SPLICE CLOSURE - EXISTING
	PARCEL LINE		WARNING SIGN
	CITY BOUNDARY LINE		BORE HOLE
	COUNTY OR STATE BOUNDARY LINE		UTILITY POT HOLE
	SANITARY SEWER LINE		STORMWATER INLET
	STORM SEWER LINE		GAS VALVE
	WATER LINE		WATER VALVE
	GAS		SANITARY MANHOLE
	FIBER OPTIC		STORM MANHOLE
	POWER		HUB
	STREET LIGHTS		TOWER
	EMPTY LIGHT CONDUIT		FLOODPLAINS
	DISTRICT ENERGY		DNR WETLANDS
	MnDOT ROW		
	RAILROAD		
	CULVERT / DRAINAGE		
	SWPP		

CLASSIFICATION NO.	QUANTITY
C100	
C101	
C102	
C104 (24x36)	
C105 (30x60)	
C106	
C107	
C108	
C110	
C111	
C112	
C114	
C115	
C200	
C300	
C301	
C302	
C303	
C304	
C103	

MCI metro  
 ACCESS TRANSMISSION SERVICES, LLC  
  
 OUTSIDE PLANT CONSTRUCTION

DATE: 6/22/2022

ENGINEER: KLJ

DRAWN BY: N. WALLENTA

REVISIONS		
DATE:	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL:

VERTICAL:

MP \_\_\_\_\_ TO MP \_\_\_\_\_

SHEET A-6 OF A-6

FILE: MINNEAPOLIS\_Legend\_SPaul

1. UTILITY AND ROW LINES ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS PRIOR TO CONSTRUCTION.
2. ALL UNDERGROUND CABLE SHALL BE PLACED AT A MINIMUM DEPTH OF 36" BELOW THE SURFACE UNLESS OTHERWISE NOTED.
3. BORE PITS MAY BE MOVED BASED ON FIELD REVIEWS. THE FINAL AS-BUILT DRAWINGS WILL REFLECT THE FINAL BORE PIT LOCATIONS.
4. ALL UNDERGROUND CABLE SHALL BE PLACED AT A MINIMUM DEPTH OF 48" BELOW PAVEMENT.

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 TRAVIS JOHN JONES  
 Signature:   
 Date: 10/03/2022 License # 54688





PROJECT: 1810BRWH.19\_MPLS

MAPLE GROVE, MN

CLARIFICATION NO. QUANTITY

C100	
C110	
C120	
C200	
C300	
AER 864	
AER 432	
UG 864	
UG 432	
UG 288	
UG 144	
UG 96	
UG 72	
UG 48	
OVERPULL	
2" HDPE = C100	
HH (24"x36"x24")	
HH (30"x60"x30")	
WARNING SIGN	
ANCHOR/GUY	
AER SLACK LOOP	
SPLICE CLOSURE	
(1) FUSION SPLICE	
(12) RIBBON SPLICE	
FDH	
MST	
MST LENGTH	

SEE SHEET 2

MCImetro  
ACCESS TRANSMISSION SERVICES, LLC

**MCI**

OUTSIDE PLANT CONSTRUCTION

TITLE: FIBER OPTIC CABLE ROUTE  
1810BRWH.19\_MPLS

DATE: 9/21/2022

ENGINEER: KLJ

DRAWN BY: K. ZAVORAL

REVISIONS		
DATE	DESCRIPTION	INITIAL

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SCALE

HORIZONTAL: 1" = 50'

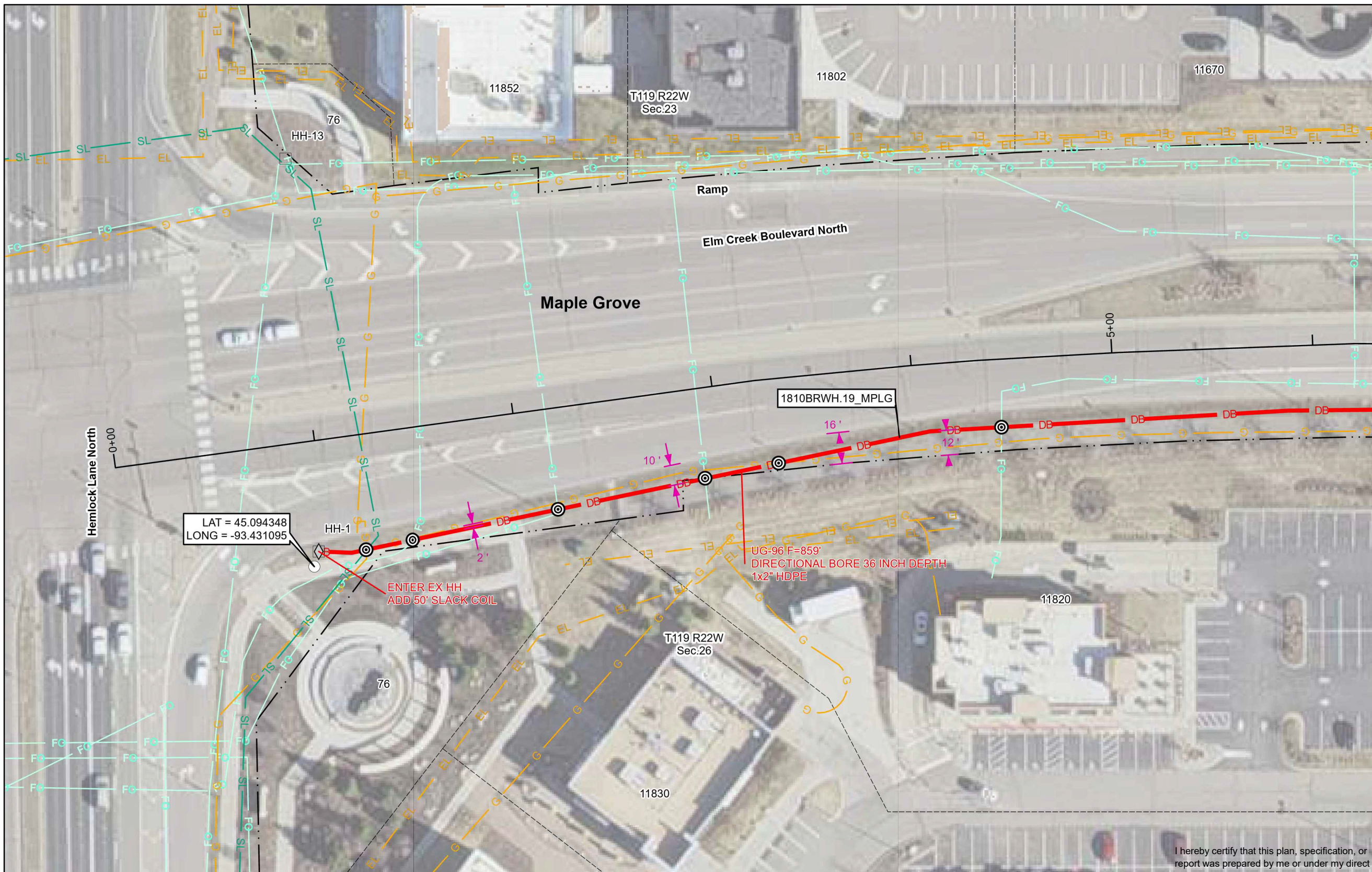
VERTICAL: 1" = 50'

MP \_\_\_\_ TO MP \_\_\_\_

SHEET 1 OF 2

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Signature: *Travis Jones*  
Date: 10/03/2022 License # 54688



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PROJECT: 1810BRWH.19\_MPLS

MAPLE GROVE, MN

CLARIFICATION NO.	QUANTITY
C100	859
C110	
C120	
C200	
C300	
AER 864	
AER 432	
UG 864	
UG 432	
UG 288	
UG 144	
UG 96	959
UG 72	
UG 48	
OVERPULL	312
2" HDPE = C100	859
HH (24"x36"x24")	
HH (30"x60"x30")	1
WARNING SIGN	
ANCHOR/GUY	
AER SLACK LOOP	
SPLICE CLOSURE	1
(1) FUSION SPLICE	
(12) RIBBON SPLICE	
FDH	
MST	1
MST LENGTH	500

MCImetro  
ACCESS TRANSMISSION SERVICES, LLC

**MCI**

OUTSIDE PLANT CONSTRUCTION

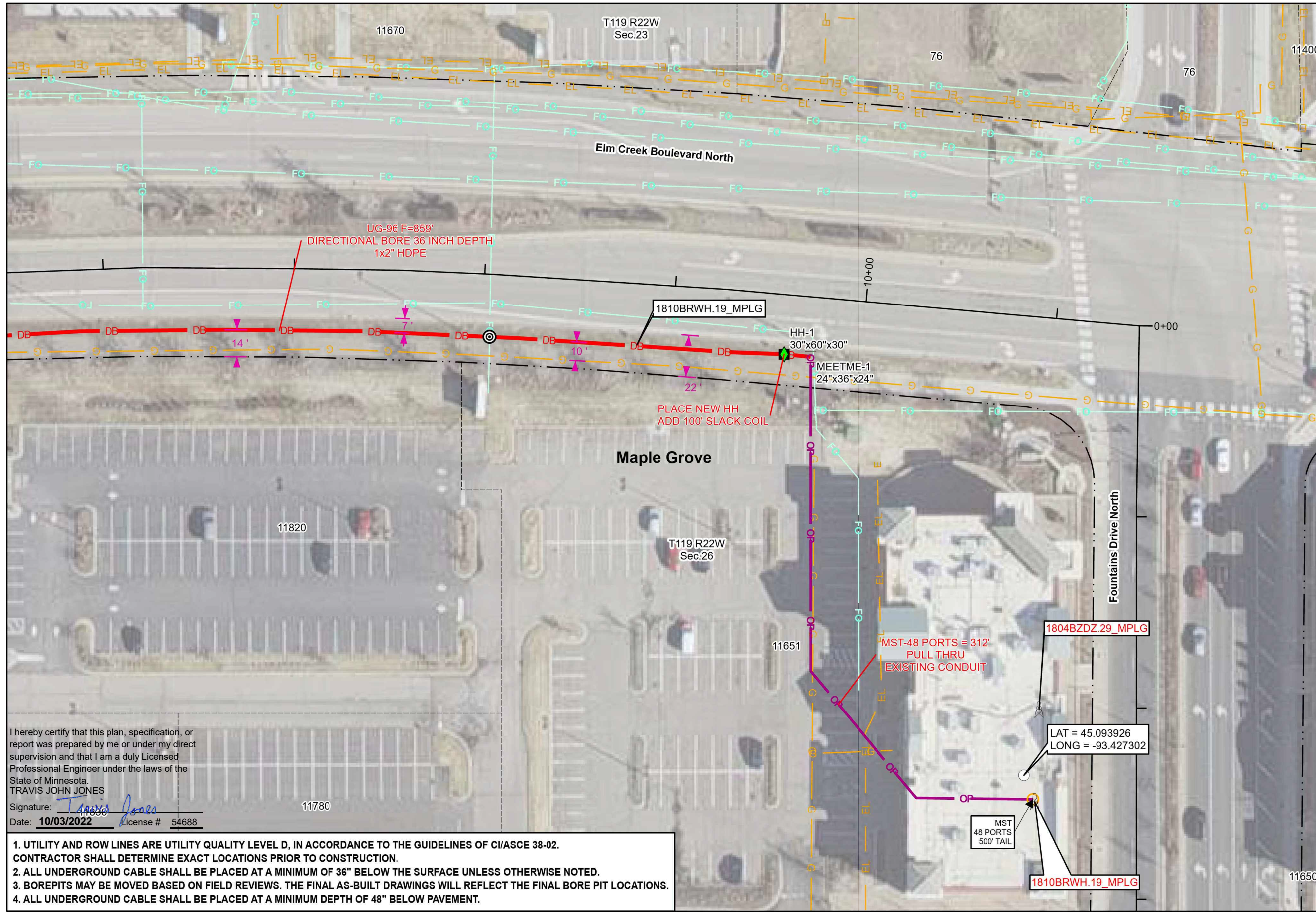
TITLE: FIBER OPTIC CABLE ROUTE  
1810BRWH.19\_MPLS

DATE: 9/21/2022  
ENGINEER: KLJ  
DRAWN BY: K. ZAVORAL

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SCALE  
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VERTICAL: 1" = 50'  
MP \_\_\_\_ TO MP \_\_\_\_  
SHEET 2 OF 2



SEE SHEET 1

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