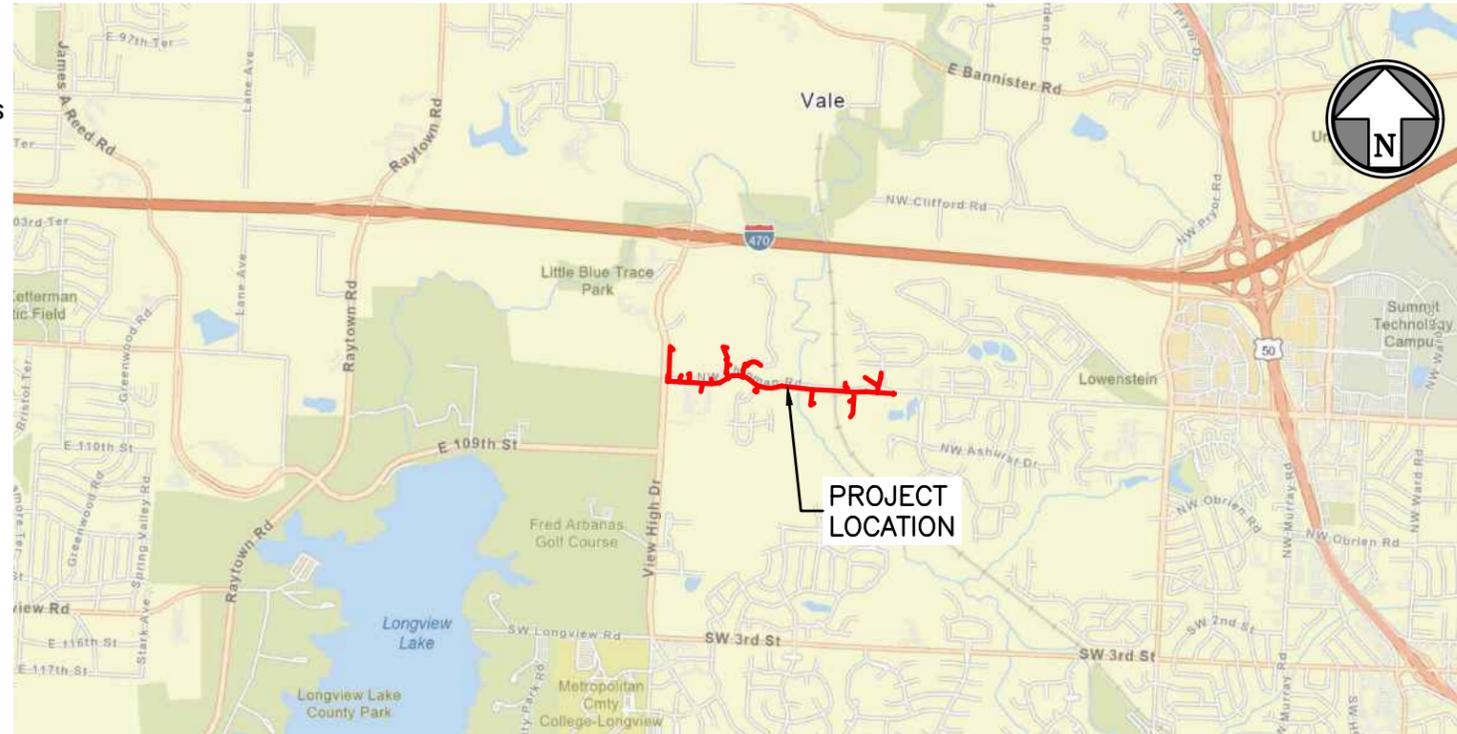


# GOOGLE FIBER CABLE RELOCATION PROJECT CHIPMAN ROAD IMPROVEMENT PROJECT

## SHEET INDEX

- 1 COVER SHEET
- 2 GENERAL LEGEND & ABBREVIATIONS
- 3 GOOGLE FIBER LEGEND & ABBREVIATIONS
- 4 KEY LOCATION MAP
- 5-23 CONSTRUCTION DRAWINGS



## CONTACTS

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**NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI**



SECTION S3, TOWNSHIP T47N, RANGE R32W  
 SECTION S34, TOWNSHIP T48N, RANGE R32W

**CONSTRUCTION ISSUE  
 JUNE 15, 2021**



CIVIL ENGINEERING / SURVEYING / UTILITIES

7101 College Boulevard, Suite 400  
 Overland Park, Kansas 66210  
 913-663-1900

BHC is a trademark of Brungardt Honomichl & Company, P.A.

Jun 16, 2021 - 9:16am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 2 Legend

### GENERAL LEGEND

|  |                                      |
|--|--------------------------------------|
|  | GUARD RAIL                           |
|  | FENCE                                |
|  | ROAD CENTERLINE                      |
|  | ROAD ROAD CURB/EOP                   |
|  | PROPERTY LINE                        |
|  | RIGHT OF WAY                         |
|  | EASEMENT                             |
|  | SECTION, CITY OR COUNTY LINE         |
|  | TREE LINE                            |
|  | RAILROAD TRACKS                      |
|  | DITCH                                |
|  | WATER BODY                           |
|  | GAS UTILITY                          |
|  | OVERHEAD ELECTRICAL                  |
|  | UNDERGROUND ELECTRICAL               |
|  | STORM SEWER PIPE                     |
|  | SANITARY SEWER PIPE                  |
|  | WATER UTILITY                        |
|  | UNKNOWN UTILITY                      |
|  | TELEPHONE (COPPER) CABLE             |
|  | COAXIAL (COPPER) CABLE               |
|  | BURIED FIBER CABLE                   |
|  | OVERHEAD FIBER CABLE                 |
|  | PROPOSED ROAD CONSTRUCTION LIMIT     |
|  | PROPOSED ROAD CENTERLINE             |
|  | PROPOSED ROAD CURB/EOP               |
|  | PROPOSED ROAD/SEWER/UTILITY FEATURE  |
|  | PROPOSED AREA OF EXTRA DEPTH         |
|  | PROPOSED FIBER CABLE ABANDONMENT     |
|  | PROPOSED BURIED CONDUIT/FIBER CABLE  |
|  | PROPOSED AERIAL FIBER CABLE          |
|  | PROPOSED HANDHOLE                    |
|  | PROPOSED FIBER MARKER                |
|  | PROPOSED SPLICE                      |
|  | PROPOSED AERIAL SLACK LOOP           |
|  | PROPOSED DOWNGUY & ANCHOR            |
|  | EXISTING FEATURE TO BE REMOVED       |
|  | SPAN LENGTH & MID-SPAN HEIGHT        |
|  | TYPICAL PROPOSED AERIAL FIBER/STRAND |



1234



|   |
|---|
| DRAWING REVISION NUMBER                   |
| HOUSE NUMBER (ADDRESS)                    |
| UTILITY POLE                              |
| LIGHT POLE                                |
| DOWNGUY & ANCHOR                          |
| SPLICE                                    |
| FIBER MANHOLE (BY OTHERS)                 |
| FIBER HANDHOLE (BY OTHERS)                |
| COMMUNICATION PEDESTAL (BY OTHERS)        |
| FIBER MARKER                              |
| CELL TOWER                                |
| TRANSMISSION TOWER                        |
| CULVERT                                   |
| DROP INLET                                |
| CURB INLET                                |
| STORM SEWER MANHOLE                       |
| SANITARY SEWER MANHOLE                    |
| ELECTRICAL MANHOLE                        |
| ELECTRICAL VAULT OR TRANSFORMER           |
| ELECTRICAL METER                          |
| GAS VALVE                                 |
| GAS METER                                 |
| WATER VALVE                               |
| WATER METER                               |
| FIRE HYDRANT                              |
| TRAFFIC SIGNAL POLE                       |
| TRAFFIC SIGNAL CABINET/VAULT              |
| MISCELLANEOUS VAULT                       |
| MISCELLANEOUS MANHOLE                     |
| MAILBOX                                   |
| RAILROAD MILE POST                        |
| RAILROAD CROSSING SIGN (NO LIGHT)         |
| RAILROAD CROSSING SIGNAL W/ GATE          |
| RAILROAD CROSSING OVERHEAD SIGNAL W/ GATE |
| RAILROAD CROSSING OVERHEAD SIGNAL         |
| RAILROAD SIGNAL LIGHT                     |
| RAILROAD CROSSING SIGNAL SIGN             |
| BUILDING OUTLINE                          |
| TREE                                      |

### GENERAL ABBREVIATIONS

|                  |                           |
|------------------|---------------------------|
| 1x, 2x, 3x, etc. | QUANTITY MULTIPLIER       |
| ROW              | RIGHT-OF-WAY              |
| PI               | POINT OF INTERSECTION     |
| FOC              | FACE OF CURB              |
| EOP              | EDGE OF PAVEMENT          |
| BOC              | BACK OF CURB              |
| HH               | HANDHOLE                  |
| CT               | COUNT                     |
| LF               | LINEAL FEET               |
| DG               | DOWNGUY                   |
| ST               | STREET                    |
| RD               | ROAD                      |
| TER              | TERRACE                   |
| PL               | PLACE                     |
| AVE              | AVENUE                    |
| PKWY             | PARKWAY                   |
| CIR              | CIRCLE                    |
| DR               | DRIVE                     |
| TYP              | TYPICAL                   |
| MIN              | MINIMUM                   |
| MAX              | MAXIMUM                   |
| PLCS             | PLACES                    |
| OC               | ON CENTER                 |
| N                | NORTH                     |
| S                | SOUTH                     |
| E                | EAST                      |
| W                | WEST                      |
| NW               | NORTHWEST                 |
| NE               | NORTHEAST                 |
| SW               | SOUTHWEST                 |
| SE               | SOUTHEAST                 |
| RCP              | REINFORCED CONCRETE PIPE  |
| RCB              | REINFORCED CONCRETE BOX   |
| DIP              | DUCTILE IRON PIPE         |
| CMP              | CORRUGATED METAL PIPE     |
| PVC              | POLYVINYL CHLORIDE        |
| HDPE             | HIGH DENSITY POLYETHYLENE |

**ANNOTATION KEY:**

ANNOTATIONS SHOWN IN RED DENOTE PROPOSED CONSTRUCTION ACTIVITY

ANNOTATIONS SHOWN IN RED W/ YELLOW HIGHLIGHT DENOTE PROPOSED FIBER SPLICING AND/OR FIBER TERMINATION ACTIVITY

ANNOTATIONS SHOWN FRAMED IN BLACK DENOTE PROPOSED CONSTRUCTION ACTIVITY TO BE PERFORMED BY OTHERS

| Rev. | Date | Description | By | Ckd | App. |
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 Kansas One-Call  
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Project: GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title: GENERAL LEGEND & ABBREVIATIONS

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC   | Sheet:<br><b>2</b> |
| Checked: LGM |                    |
| Approved: MB |                    |
| Scale: N/A   |                    |

**GOOGLE FIBER ABBREVIATIONS**

**GENERAL ABBREVIATIONS**

|    |                    |
|----|--------------------|
| GF | GOOGLE FIBER       |
| BB | BACKBONE FIBER     |
| DF | DISTRIBUTION FIBER |
| AF | ACCESS FIBER       |
| DP | DROP FIBER         |
| LV | LARGE VAULT        |
| MV | MEDIUM VAULT       |
| SV | SMALL VAULT        |
| DV | DROP VAULT         |

**GOOGLE FIBER LEGEND**

|   |    |   |    |                                    |
|---|----|---|----|------------------------------------|
|  | GF |  | GF | EXISTING AERIAL GOOGLE FIBER CABLE |
|  | GF |  | GF | EXISTING BURIED GOOGLE FIBER CABLE |

**FIBER-SPECIFIC CONSTRUCTION ABBREVIATIONS**

|        |   |
|--------|---|
| e/n    | EXISTING/NEW FIBER(S) (TO BE AFFECTED)                    |
| [ex#]  | EXISTING FIBER(S) (CURRENTLY IN PLACE)                    |
| [pu#]  | PULL FIBER(S)   |
| [sp#]  | SPLICE FIBER(S)   |
| [tm#]  | TERMINATE FIBER(S)  |
| [sc#]  | PLACE SLACK COIL FIBER(S)                                 |
| [mst#] | PLACE MST (PORT END)                                      |
| [co#]  | CONNECT DROP FIBER(S) TO MST PORT                         |
| [pt#]  | PASS-THRU FIBER(S) (NO SLACK COIL)                        |
| [rm#]  | REMOVE FIBER(S) FOR DISPOSAL AFTER CUTOVER                |
| [ab#]  | ABANDON CONDUIT IN PLACE                                  |
| [pl#]  | PLACE AERIAL FIBER (NO STRAND)                            |
| [ss#]  | PLACE AERIAL SLACK SPAN                                   |
| [la#]  | LASH AERIAL FIBER(S) TO STRAND                            |
| [ol#]  | OVERLASH AERIAL FIBER(S) TO EXISTING FIBER(S) & STRAND    |
| [dl#]  | DELASH EXISTING AERIAL FIBER(S)                           |
| [dts]  | DELASH & TEMPORARILY SUPPORT ALL EXISTING AERIAL FIBER(S) |
| [acc#] | AERIAL CUSTOMER CONNECTION                                |
| [bcc#] | BURIED CUSTOMER CONNECTION                                |

**NOTE:**  
THE FIBER-SPECIFIC CONSTRUCTION ABBREVIATIONS ABOVE WILL BE COMBINED WITH THE **CABLE KEY LIST** ON EACH PLAN SHEET TO SPECIFY FIBER CONSTRUCTION ACTIVITY TO BE PERFORMED, FIBER COUNTS TO BE USED, AND THEIR RESPECTIVE CABLE NAMES.

| Rev. | Date | Description | By | Ckd | App. |
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Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
GOOGLE FIBER  
LEGEND & ABBREVIATIONS

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn:    | JNC | <b>3</b> |
| Checked:  | LGM |          |
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|           |     | 3 of 23  |

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Jun 16, 2021 - 9:16am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-key.dwg Layout: 4 Key Location Map

LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



| Rev. | Date | Description | By | Ckd | App. |
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- NOTES:**
1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL POT HOLE TO DETERMINE EXACT UTILITY LOCATIONS.
  2. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
  3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
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  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.

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Project:  
 GOOGLE FIBER  
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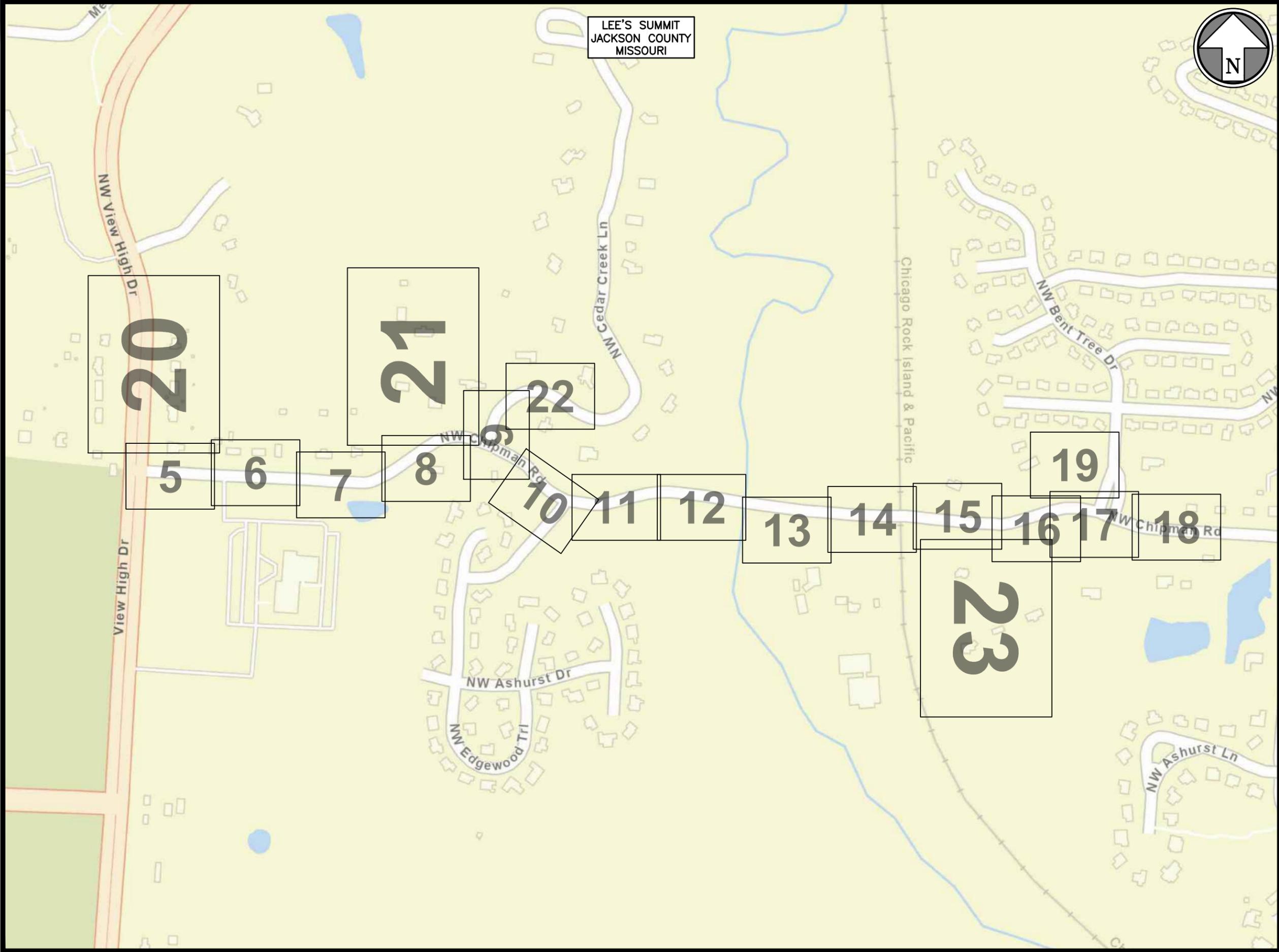
Site Address:  
 NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title:  
 KEY LOCATION MAP

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn:    | JNC          | <b>4</b> |
| Checked:  | LGM          |          |
| Approved: | MB           |          |
| Scale:    | NOT TO SCALE |          |
|           |              | 4 of 23  |



Jun 16, 2021 - 9:16am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 5 Plan 5

EXISTING 3" CONDUITS W/  
288ct BB KCMO LSBB &  
24ct AF LSM105c

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



EXTRA DEPTH NOTES DENOTED WITH A "⬡"

**EXTRA DEPTH NOTE #1**  
EXISTING SURFACE EL. 955.5'  
PROPOSED SURFACE EL. 955.0'  
PROPOSED BOTTOM OF ROAD SUBGRADE EL. 952.5'  
PLACE TOP OF GF DUCT EL. 948.5'

**EXTRA DEPTH NOTE #2**  
PROPOSED SURFACE EL. 956.0'  
EXISTING SURFACE EL. 954.0'  
PROPOSED BOTTOM OF 12" PVC PIPE EL. 949.0'  
PLACE TOP OF GF DUCT EL. 944.0'

MATCHLINE  
SHEET 20

**Cable Key List**

| Key # | Fiber Count | Cable Name  |
|-------|-------------|-------------|
| 1     | 24ct AF     | LSM105c     |
| 2     | 1ct DP      | LSM105c-N09 |

LOCATE EXISTING CUSTOMER DROP AND UTILIZE AS MUCH OF THE EXISTING CONDUIT AS POSSIBLE TO REDUCE IMPACT TO CUSTOMER'S PROPERTY.

**NOTES:**

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2. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
4. ALL EXCAVATIONS AND WORK IN CONFINED SPACES SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA REQUIREMENTS AND REGULATIONS.
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6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.



Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

Drawn: JNC Sheet:

Checked: LGM

Approved: MB

Scale: 1" = 30' 5 of 23

DURING NEW ROAD OR SEWER CONSTRUCTION, LOWER EXISTING CONDUITS AS NECESSARY TO AVOID CONFLICT WITH NEW CONSTRUCTION

PROPOSED EERGY POLE #1496953. ATTACH GF.

EXISTING EERGY POLE #922973 TO BE REMOVED. DETACH GF.

EXISTING EERGY POLE #922970 TO BE REMOVED. DETACH GF.

EXISTING AERIAL AF SPLICE CASE LSM105c-N09 TO BE REMOVED FOR REUSE

EXISTING EERGY POLE #922971 TO BE REMOVED. DETACH GF.

EXISTING EERGY POLE #922972 TO BE REMOVED. DETACH GF.

2"-[ex1][rm1e][ab2"] SEE FIBER CONSTRUCTION SEQUENCE, NOTE #2, THIS SHEET.

MOVE EXISTING MV. PLACE SPLIT DUCT AS NECESSARY TO REACH RELOCATED MV. SEE FIBER CONSTRUCTION SEQUENCE, NOTE #2, THIS SHEET.

PLACE 27 LF 2" HDPE SDR13.5 TYP. 4' MIN DEPTH [pu1e]. SEE FIBER CONSTRUCTION SEQUENCE, NOTE #3, THIS SHEET.

**EXTRA DEPTH NOTE**  
EXISTING SURFACE EL. 952.0'  
PLACE TOP OF GF DUCT EL. 948.5'  
PROPOSED BOTTOM OF 15" RCP EL. 948.0'

WATER LINE CONTRACTOR TO WORK AROUND RELOCATED GF DURING THEIR CONSTRUCTION.

PLACE AERIAL AF SPLICE CASE LSM105c-N09 [sp1e,1n,4x2n][50'-sc1e,1n,4x2n] SEE FIBER CONSTRUCTION SEQUENCE, NOTE #1, THIS SHEET.

PROPOSED EERGY POLE #1496952. ATTACH GF. PLACE 2" PVC RISER [pu1e]. PLACE 6.6M DG W/ 0.5" ROD & ANCHOR.

PROPOSED EERGY POLE #1496591. ATTACH GF. PLACE 6.6M DG W/ 0.5" ROD & ANCHOR.

PROPOSED EERGY POLE #1496592. PLACE 1" PVC RISER [pu2n]. ATTACH GF.

**24ct AF LSM105c FIBER CONSTRUCTION SEQUENCE:**

1. DURING MAINTENANCE HOURS (AFTER NEW CONDUIT & RISER HAVE BEEN PLACED), DISCONNECT EXISTING 24ct AF LSM105c FROM EXISTING AERIAL SPLICE LSM105c-N09 ON POLE #922970.
2. PULL OUT EXISTING 24ct AF LSM105c WEST FROM THE EXISTING CONDUIT & RISER TO THE EXISTING MV @ VIEW HIGH DR & NW CHIPMAN RD.
3. PULL EXISTING 24ct AF LSM105c INTO NEW CONDUIT & RISER EAST TO NEW AERIAL SPLICE LSM105c-N09 ON NEW POLE #1496952.

**CONTRACTOR NOTE:**

MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING FIBER CABLE RELOCATION, FOR ANY DELASHED & TEMPORARILY SUPPORTED FIBER CABLES.

VIEW HIGH DR

NW CHIPMAN RD

MATCHLINE  
SHEET 6

Jun 16, 2021 - 9:16am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 6 Plan 6

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

**CONTRACTOR NOTE:**  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
FIBER CABLE RELOCATION, FOR ANY DELASHED &  
TEMPORARILY SUPPORTED FIBER CABLES.

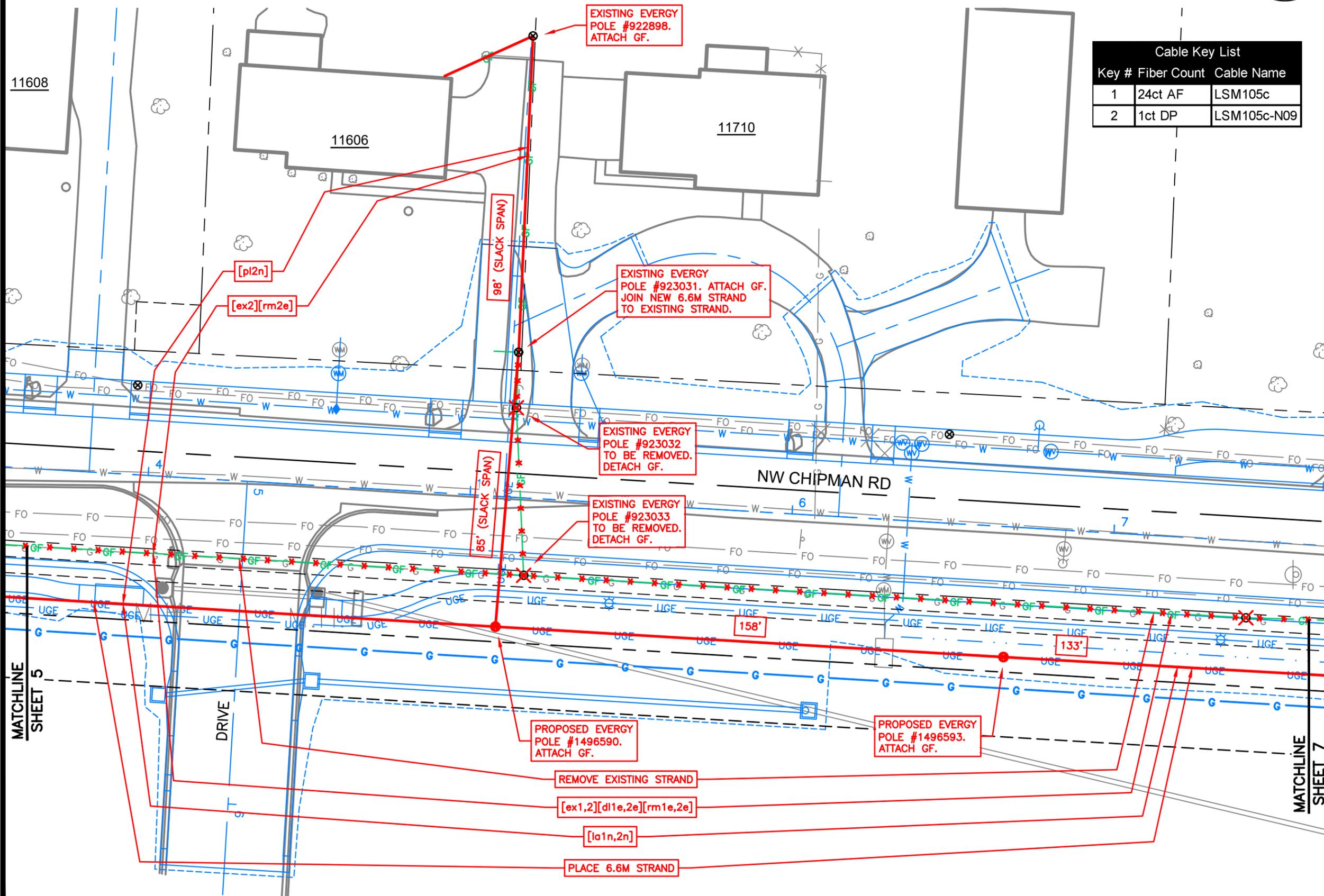


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**Cable Key List**

| Key # | Fiber Count | Cable Name  |
|-------|-------------|-------------|
| 1     | 24ct AF     | LSM105c     |
| 2     | 1ct DP      | LSM105c-N09 |



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Project: GOOGLE FIBER  
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CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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|-----------------|---------|
| Drawn: JNC      | Sheet:  |
| Checked: LGM    | 6       |
| Approved: MB    |         |
| Scale: 1" = 30' | 6 of 23 |

**CAUTION!**  
WORKING GF CABLE. MAINTAIN EXISTING  
GF SERVICE DURING CONSTRUCTION.

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

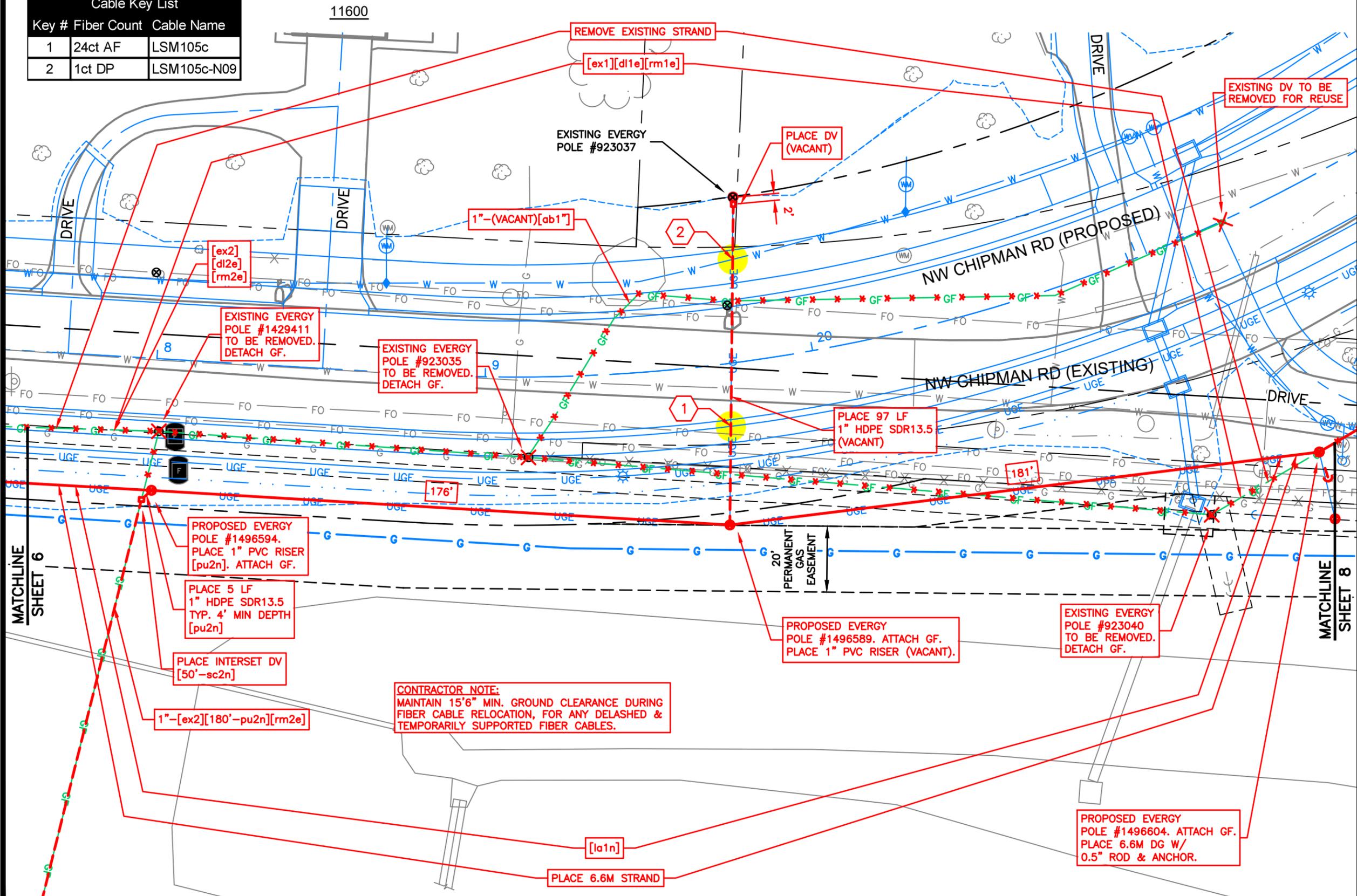


EXTRA DEPTH NOTES DENOTED WITH A "6"

**EXTRA DEPTH NOTE #1**  
PROPOSED SURFACE EL. 939.5'  
EXISTING SURFACE EL. 938.5'  
PROPOSED BOTTOM OF ROAD SUBGRADE EL. 937.0'  
PLACE TOP OF GF DUCT EL. 933.0'

**EXTRA DEPTH NOTE #2**  
EXISTING SURFACE EL. 937.5'  
PROPOSED SURFACE EL. 936.5'  
PROPOSED BOTTOM OF 12" PVC PIPE EL. 931.5'  
PLACE TOP OF GF DUCT EL. 926.5'

| Cable Key List |             |             |
|----------------|-------------|-------------|
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Sheet Title:  
CONSTRUCTION DRAWING

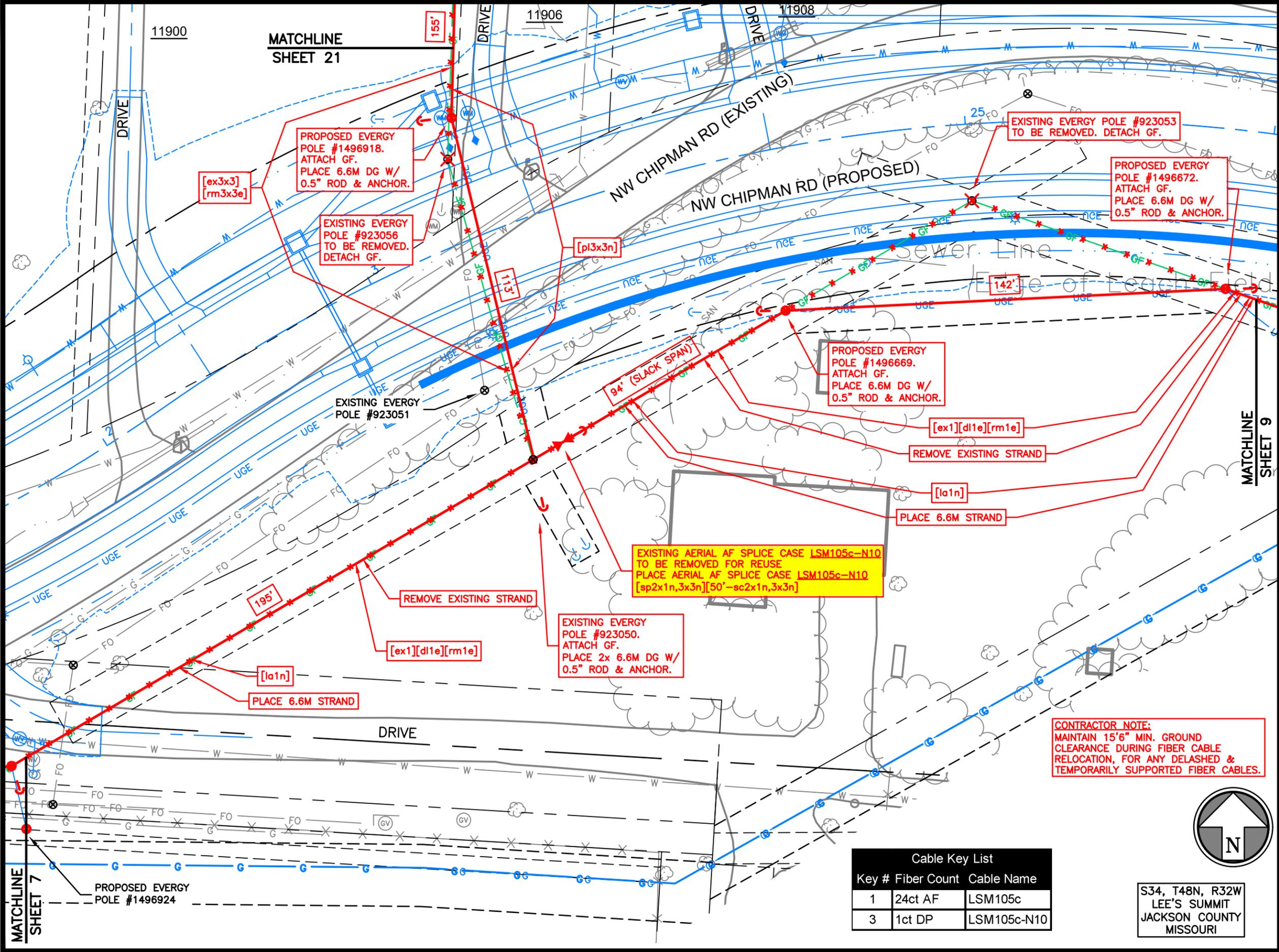
Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:  |
| Checked: LGM    | 7       |
| Approved: MB    |         |
| Scale: 1" = 30' | 7 of 23 |

Jun 16, 2021 - 9:17am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 7 Plan 7

Jun 16, 2021 - 9:17am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 8 Plan 8



| Rev. | Date | Description | By | Ckd | App. |
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|      |      |             |    |     |      |

- NOTES:**
1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
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  3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
  4. ALL EXCAVATIONS AND WORK IN CONFINED SPACES SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA REQUIREMENTS AND REGULATIONS.
  5. ALL WORK SHALL CONFORM TO CLIENT SPECIFICATIONS AND CITY, COUNTY OR STATE STANDARDS AND SPECIFICATIONS AND PERMITS.
  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.

**Dig Safely. 811**  
 Kansas One-Call  
 1-800-344-7233



Project: GOOGLE FIBER CABLE RELOCATION PROJECT  
 CHIPMAN ROAD IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD & NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

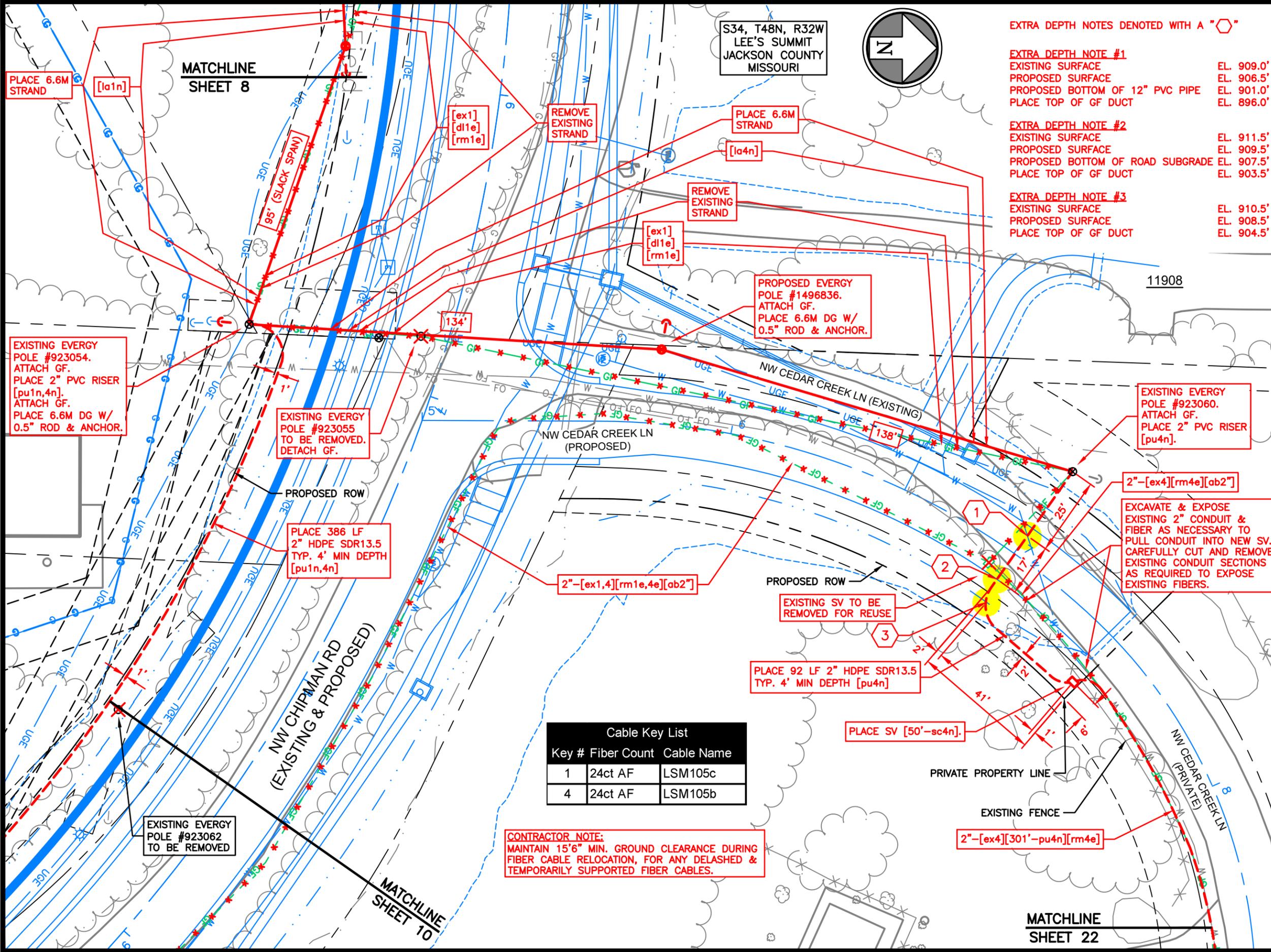
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| Drawn: JNC      | Sheet:  |
| Checked: LGM    | 8       |
| Approved: MB    |         |
| Scale: 1" = 30' | 8 of 23 |

| Key # | Fiber Count | Cable Name  |
|-------|-------------|-------------|
| 1     | 24ct AF     | LSM105c     |
| 3     | 1ct DP      | LSM105c-N10 |

S34, T48N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI

**CONTRACTOR NOTE:**  
 MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING FIBER CABLE RELOCATION, FOR ANY DELASHED & TEMPORARILY SUPPORTED FIBER CABLES.

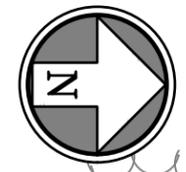
Jun 16, 2021 - 9:17am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 9 Plan 9



PLACE 6.6M STRAND [la1n]

MATCHLINE SHEET 8

S34, T48N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



EXTRA DEPTH NOTES DENOTED WITH A "⬡"

**EXTRA DEPTH NOTE #1**  
 EXISTING SURFACE EL. 909.0'  
 PROPOSED SURFACE EL. 906.5'  
 PROPOSED BOTTOM OF 12" PVC PIPE EL. 901.0'  
 PLACE TOP OF GF DUCT EL. 896.0'

**EXTRA DEPTH NOTE #2**  
 EXISTING SURFACE EL. 911.5'  
 PROPOSED SURFACE EL. 909.5'  
 PROPOSED BOTTOM OF ROAD SUBGRADE EL. 907.5'  
 PLACE TOP OF GF DUCT EL. 903.5'

**EXTRA DEPTH NOTE #3**  
 EXISTING SURFACE EL. 910.5'  
 PROPOSED SURFACE EL. 908.5'  
 PLACE TOP OF GF DUCT EL. 904.5'

| Rev. | Date | Description | By | Ckd | App. |
|------|------|-------------|----|-----|------|
|      |      |             |    |     |      |
|      |      |             |    |     |      |
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Google Fiber

**PHC**  
 CIVIL ENGINEERING / SURVEYING / UTILITIES

Project: GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

Site Address:  
 NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title:  
 CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

|                 |         |
|-----------------|---------|
| Drawn: JNC      | Sheet:  |
| Checked: LGM    | 9       |
| Approved: MB    |         |
| Scale: 1" = 30' | 9 of 23 |

EXISTING EERGY POLE #923054.  
 ATTACH GF.  
 PLACE 2" PVC RISER [pu1n,4n].  
 ATTACH GF.  
 PLACE 6.6M DG W/  
 0.5" ROD & ANCHOR.

EXISTING EERGY POLE #923055  
 TO BE REMOVED.  
 DETACH GF.

PLACE 386 LF  
 2" HDPE SDR13.5  
 TYP. 4' MIN DEPTH  
 [pu1n,4n]

EXISTING EERGY POLE #923062  
 TO BE REMOVED

| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
| 1              | 24ct AF     | LSM105c    |
| 4              | 24ct AF     | LSM105b    |

**CONTRACTOR NOTE:**  
 MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING FIBER CABLE RELOCATION, FOR ANY DELASHED & TEMPORARILY SUPPORTED FIBER CABLES.

PROPOSED EERGY POLE #1496836.  
 ATTACH GF.  
 PLACE 6.6M DG W/  
 0.5" ROD & ANCHOR.

EXISTING EERGY POLE #923060.  
 ATTACH GF.  
 PLACE 2" PVC RISER [pu4n].

EXCAVATE & EXPOSE EXISTING 2" CONDUIT & FIBER AS NECESSARY TO PULL CONDUIT INTO NEW SV. CAREFULLY CUT AND REMOVE EXISTING CONDUIT SECTIONS AS REQUIRED TO EXPOSE EXISTING FIBERS.

EXISTING SV TO BE REMOVED FOR REUSE

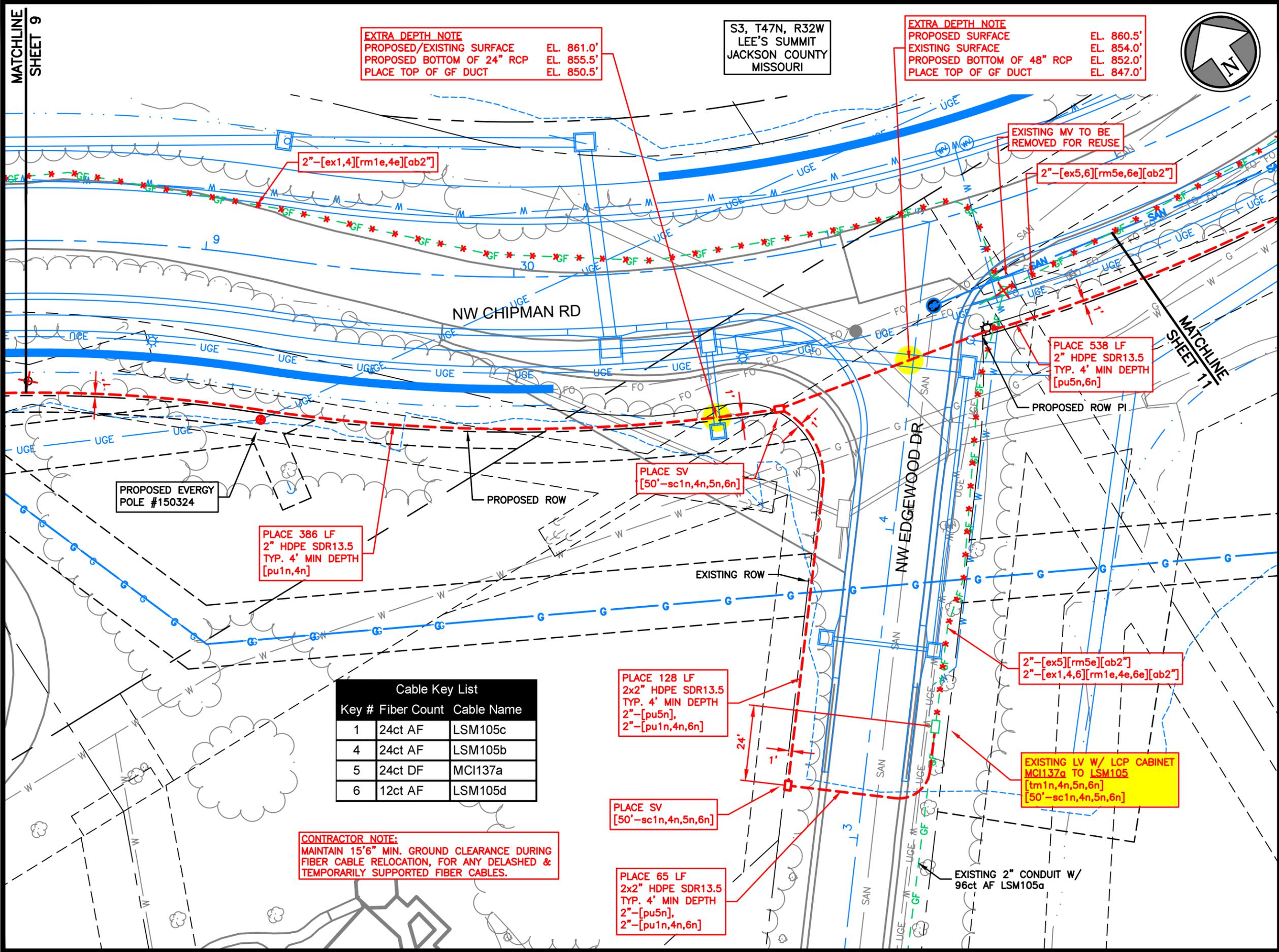
PLACE 92 LF 2" HDPE SDR13.5  
 TYP. 4' MIN DEPTH [pu4n]

PLACE SV [50'-sc4n].

2"-[ex4][301'-pu4n][rm4e]

MATCHLINE SHEET 22

Jun 16, 2021 - 9:17am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 10 Plan 10



**EXTRA DEPTH NOTE**  
 PROPOSED/EXISTING SURFACE EL. 861.0'  
 PROPOSED BOTTOM OF 24" RCP EL. 855.5'  
 PLACE TOP OF GF DUCT EL. 850.5'

S3, T47N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI

**EXTRA DEPTH NOTE**  
 PROPOSED SURFACE EL. 860.5'  
 EXISTING SURFACE EL. 854.0'  
 PROPOSED BOTTOM OF 48" RCP EL. 852.0'  
 PLACE TOP OF GF DUCT EL. 847.0'

EXISTING MV TO BE REMOVED FOR REUSE

PLACE 538 LF  
 2" HDPE SDR13.5  
 TYP. 4' MIN DEPTH  
 [pu5n,6n]

PLACE SV  
 [50'-sc1n,4n,5n,6n]

PLACE 386 LF  
 2" HDPE SDR13.5  
 TYP. 4' MIN DEPTH  
 [pu1n,4n]

PLACE 128 LF  
 2x2" HDPE SDR13.5  
 TYP. 4' MIN DEPTH  
 2"-[pu5n],  
 2"-[pu1n,4n,6n]

PLACE SV  
 [50'-sc1n,4n,5n,6n]

PLACE 65 LF  
 2x2" HDPE SDR13.5  
 TYP. 4' MIN DEPTH  
 2"-[pu5n],  
 2"-[pu1n,4n,6n]

2"-[ex5][rm5e][ab2"]  
 2"-[ex1,4,6][rm1e,4e,6e][ab2"]

EXISTING LV W/ LCP CABINET  
 MCI137a TO LSM105  
 [tm1n,4n,5n,6n]  
 [50'-sc1n,4n,5n,6n]

EXISTING 2" CONDUIT W/  
 96ct AF LSM105a

**CONTRACTOR NOTE:**  
 MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
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| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
| 1              | 24ct AF     | LSM105c    |
| 4              | 24ct AF     | LSM105b    |
| 5              | 24ct DF     | MCI137a    |
| 6              | 12ct AF     | LSM105d    |

| Rev. | Date | Description | By | Ckd | App. |
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 Kansas One-Call  
 1-800-344-7233

Google Fiber

**PHC**  
 CIVIL ENGINEERING / SURVEYING / UTILITIES

Project: GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

Site Address:  
 NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title:  
 CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

|                 |          |
|-----------------|----------|
| Drawn: JNC      | Sheet:   |
| Checked: LGM    | 10       |
| Approved: MB    |          |
| Scale: 1" = 30' | 10 of 23 |

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
| 5              | 24ct DF     | MCI137a    |
| 6              | 12ct AF     | LSM105d    |



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PROPOSED ENERGY  
POLE #1496681

2"-[ex5,6][rm5e,6e][ob2"]

EXISTING ENERGY  
POLE #911446  
TO BE REMOVED.  
DETACH GF.

NW CHIPMAN RD

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Google Fiber

**RHC**  
CIVIL ENGINEERING / SURVEYING / UTILITIES

Project:  
GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
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LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn:    | JNC      | Sheet:<br><b>11</b><br>11 of 23 |
| Checked:  | LGM      |                                 |
| Approved: | MB       |                                 |
| Scale:    | 1" = 30' |                                 |

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Jun 16, 2021 - 9:17am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 11 Plan 11

**EXTRA DEPTH NOTE**

|                            |            |
|----------------------------|------------|
| PROPOSED SURFACE           | EL. 849.0' |
| PROPOSED BOTTOM OF 15" RCP | EL. 842.0' |
| EXISTING SURFACE           | EL. 834.0' |
| PLACE TOP OF GF DUCT       | EL. 830.0' |

PLACE 538 LF  
2" HDPE SDR13.5  
TYP. 4' MIN DEPTH  
[pu5n,6n]

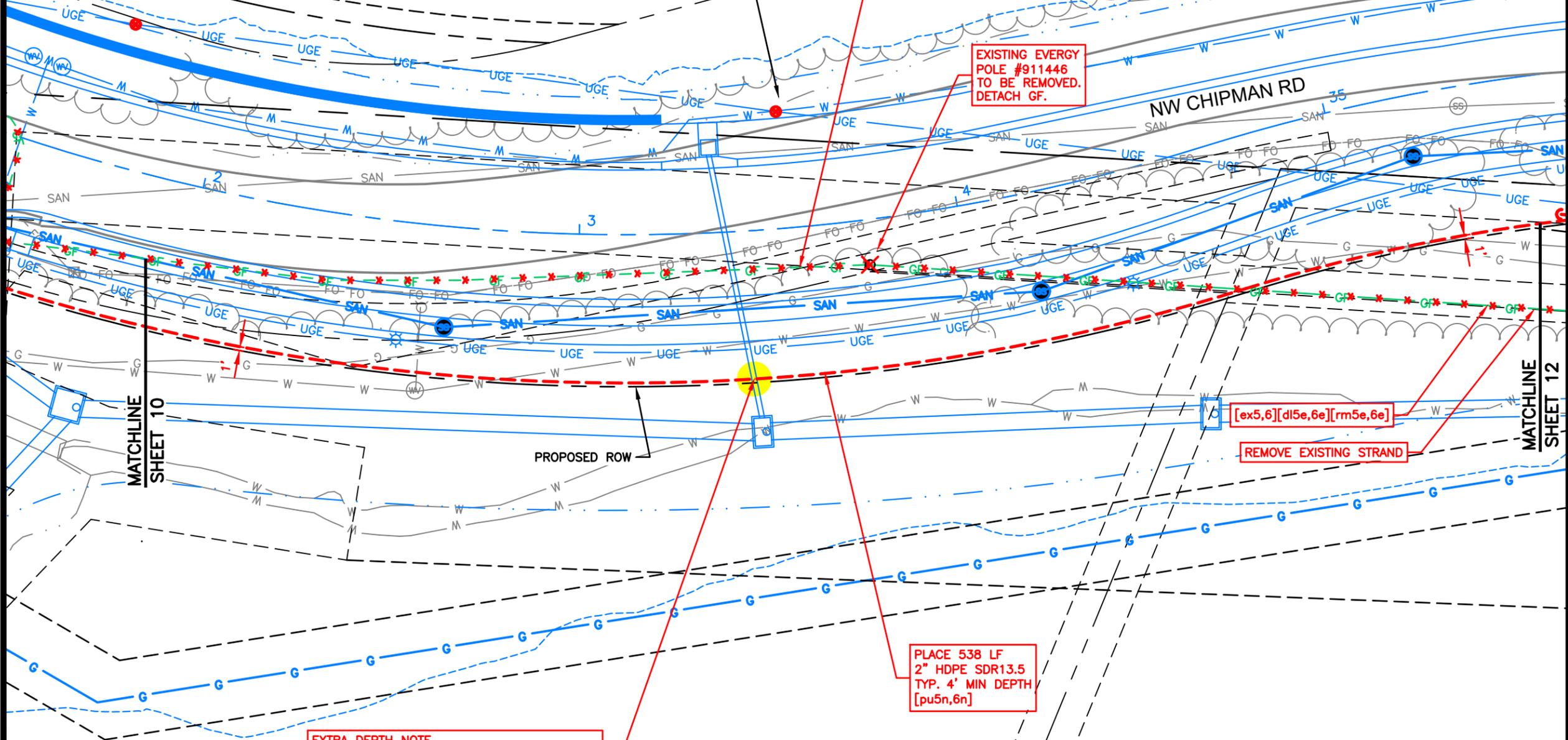
[ex5,6][dl5e,6e][rm5e,6e]

REMOVE EXISTING STRAND

MATCHLINE  
SHEET 10

MATCHLINE  
SHEET 12

PROPOSED ROW



S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



| Rev. | Date | Description | By | Ckd | App. |
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**PHC**  
CIVIL ENGINEERING / SURVEYING / UTILITIES

Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

|           |          |           |
|-----------|----------|-----------|
| Drawn:    | JNC      | <b>12</b> |
| Checked:  | LGM      |           |
| Approved: | MB       |           |
| Scale:    | 1" = 30' |           |
|           |          | 12 of 23  |

**CONTRACTOR NOTE:**  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
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PLACE 538 LF  
2" HDPE SDR13.5  
TYP. 4' MIN DEPTH  
[pu5n,6n]

PROPOSED ENERGY POLE #1496668.  
PLACE PVC RISER [pu5n,6n]. ATTACH GF.  
PLACE 6.6M DG W/ 0.5" ROD & ANCHOR.

PLACE 6.6M STRAND  
[la5n,6n]

PROPOSED ENERGY POLE #1496704.  
ATTACH GF.

[234']

[249']

EXISTING ENERGY POLE #911450  
TO BE REMOVED.  
DETACH GF.

EXISTING ENERGY POLE #911447  
TO BE REMOVED.  
DETACH GF.

[ex5,6][dl5e,6e][rm5e,6e]

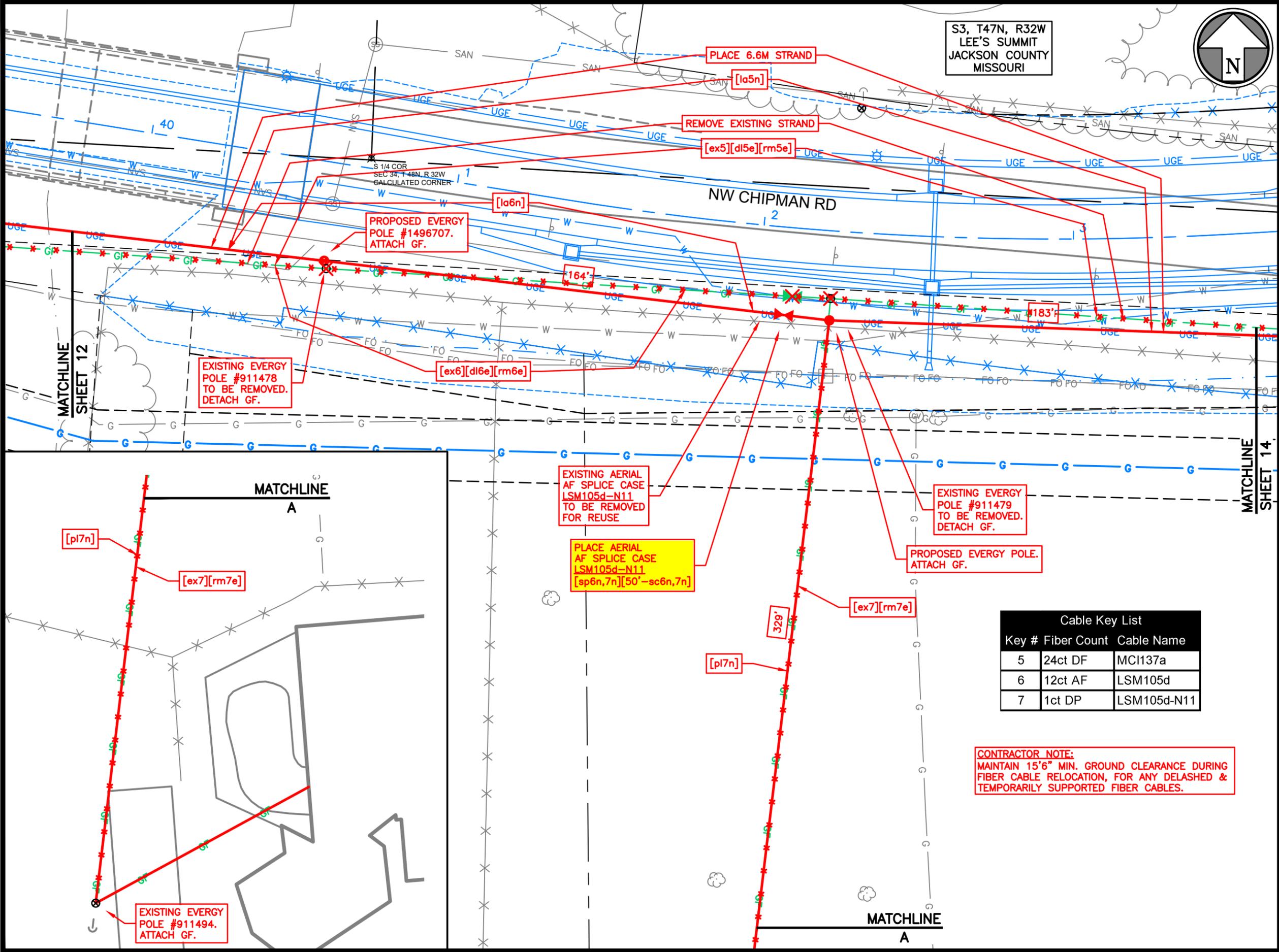
REMOVE EXISTING STRAND

| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
| 5              | 24ct DF     | MCI137a    |
| 6              | 12ct AF     | LSM105d    |

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Jun 16, 2021 - 9:17am Plotted By: james.coggins

Jun 16, 2021 - 9:18am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 1:3 Plan 1:3



S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



| Rev. | Date | Description | By | Ckd | App. |
|------|------|-------------|----|-----|------|
|      |      |             |    |     |      |
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Google Fiber

**PHC**  
CIVIL ENGINEERING / SURVEYING / UTILITIES

| Key # | Fiber Count | Cable Name  |
|-------|-------------|-------------|
| 5     | 24ct DF     | MCI137a     |
| 6     | 12ct AF     | LSM105d     |
| 7     | 1ct DP      | LSM105d-N11 |

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Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

Site Address:  
NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

|                 |                                 |
|-----------------|---------------------------------|
| Drawn: JNC      | Sheet:<br><b>13</b><br>13 of 23 |
| Checked: LGM    |                                 |
| Approved: MB    |                                 |
| Scale: 1" = 30' |                                 |

| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
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S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

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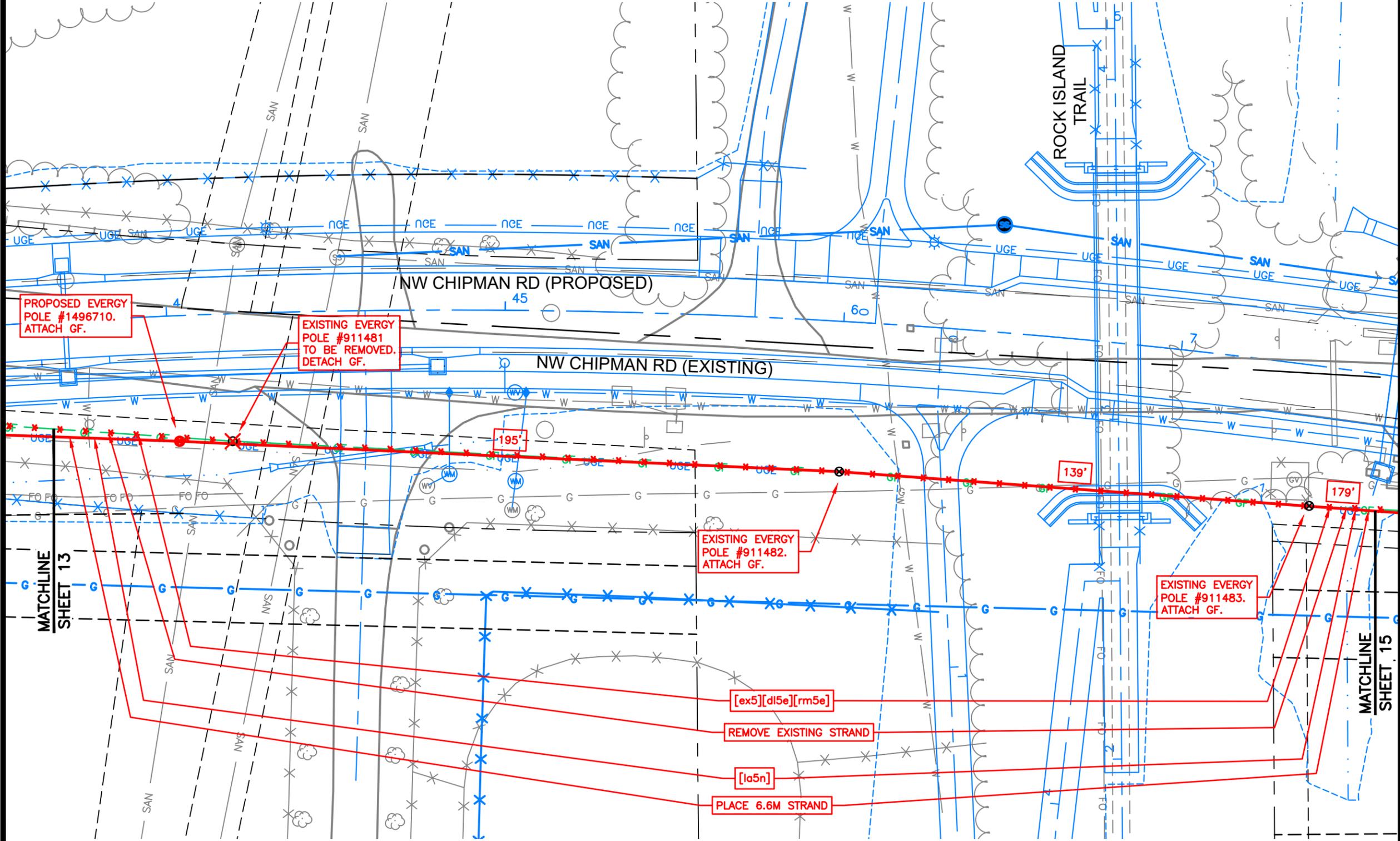
Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

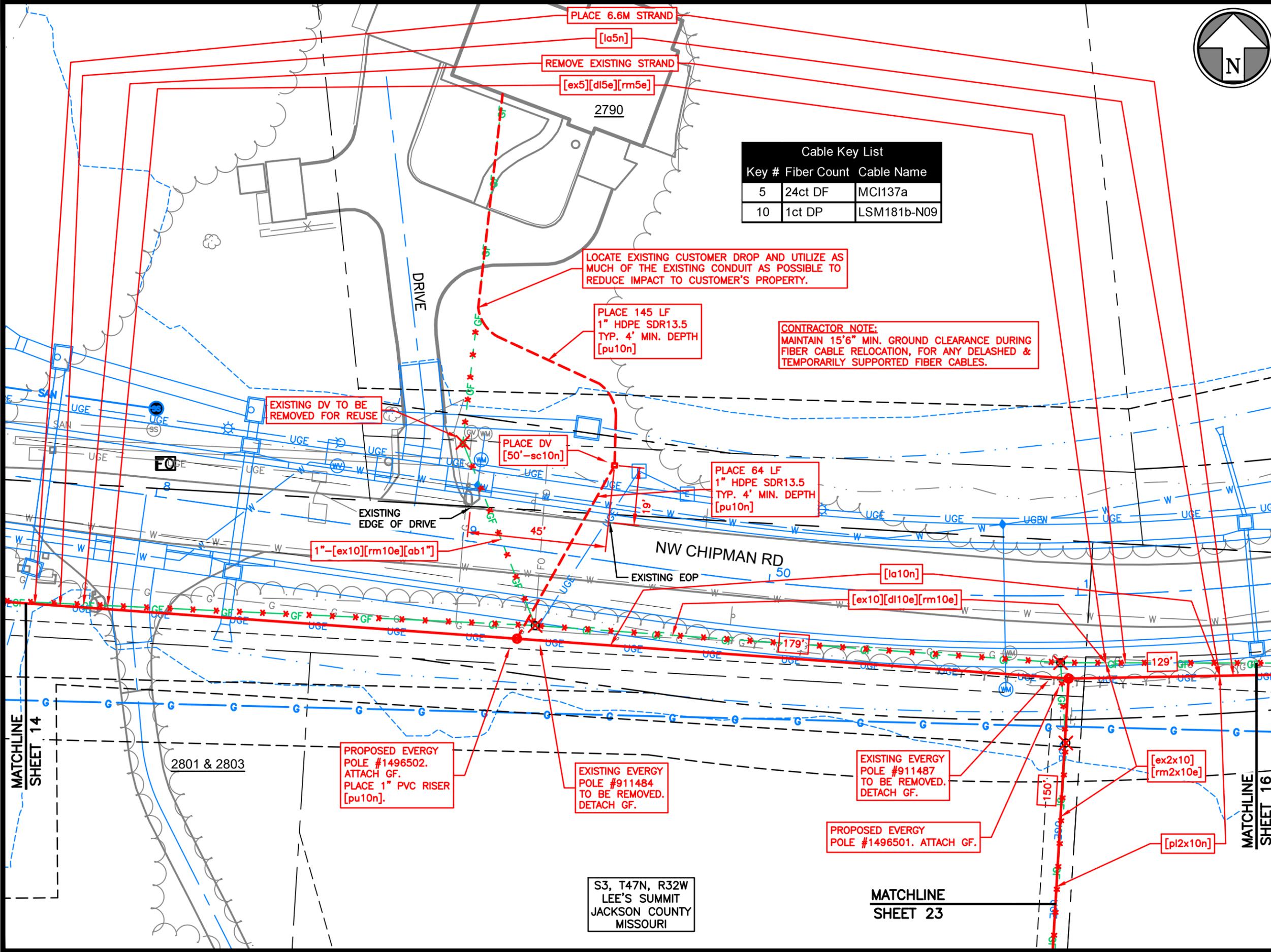
Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:   |
| Checked: LGM    | 14       |
| Approved: MB    |          |
| Scale: 1" = 30' | 14 of 23 |

Jun 16, 2021 - 9:18am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 14 Plan 14



Jun 16, 2021 - 9:18am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 15 Plan 15



| Cable Key List |             |             |
|----------------|-------------|-------------|
| Key #          | Fiber Count | Cable Name  |
| 5              | 24ct DF     | MCI137a     |
| 10             | 1ct DP      | LSM181b-N09 |

LOCATE EXISTING CUSTOMER DROP AND UTILIZE AS MUCH OF THE EXISTING CONDUIT AS POSSIBLE TO REDUCE IMPACT TO CUSTOMER'S PROPERTY.

**CONTRACTOR NOTE:**  
MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING FIBER CABLE RELOCATION, FOR ANY DELASHED & TEMPORARILY SUPPORTED FIBER CABLES.

| Rev. | Date | Description | By | Ckd | App. |
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- NOTES:**
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  2. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
  3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
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  5. ALL WORK SHALL CONFORM TO CLIENT SPECIFICATIONS AND CITY, COUNTY OR STATE STANDARDS AND SPECIFICATIONS AND PERMITS.
  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.



Project: GOOGLE FIBER CABLE RELOCATION PROJECT  
CHIPMAN ROAD IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD & NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:   |
| Checked: LGM    | 15       |
| Approved: MB    |          |
| Scale: 1" = 30' | 15 of 23 |

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI

MATCHLINE  
SHEET 23

T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 16 Plan 16  
 Jun 16, 2021 - 9:18am Plotted By: james.coggins

**CONTRACTOR NOTE:**  
 MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING FIBER CABLE RELOCATION, FOR ANY DELASHED & TEMPORARILY SUPPORTED FIBER CABLES.

S3, T47N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI



| Rev. | Date | Description | By | Ckd | App. |
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 CHIPMAN ROAD IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD & NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

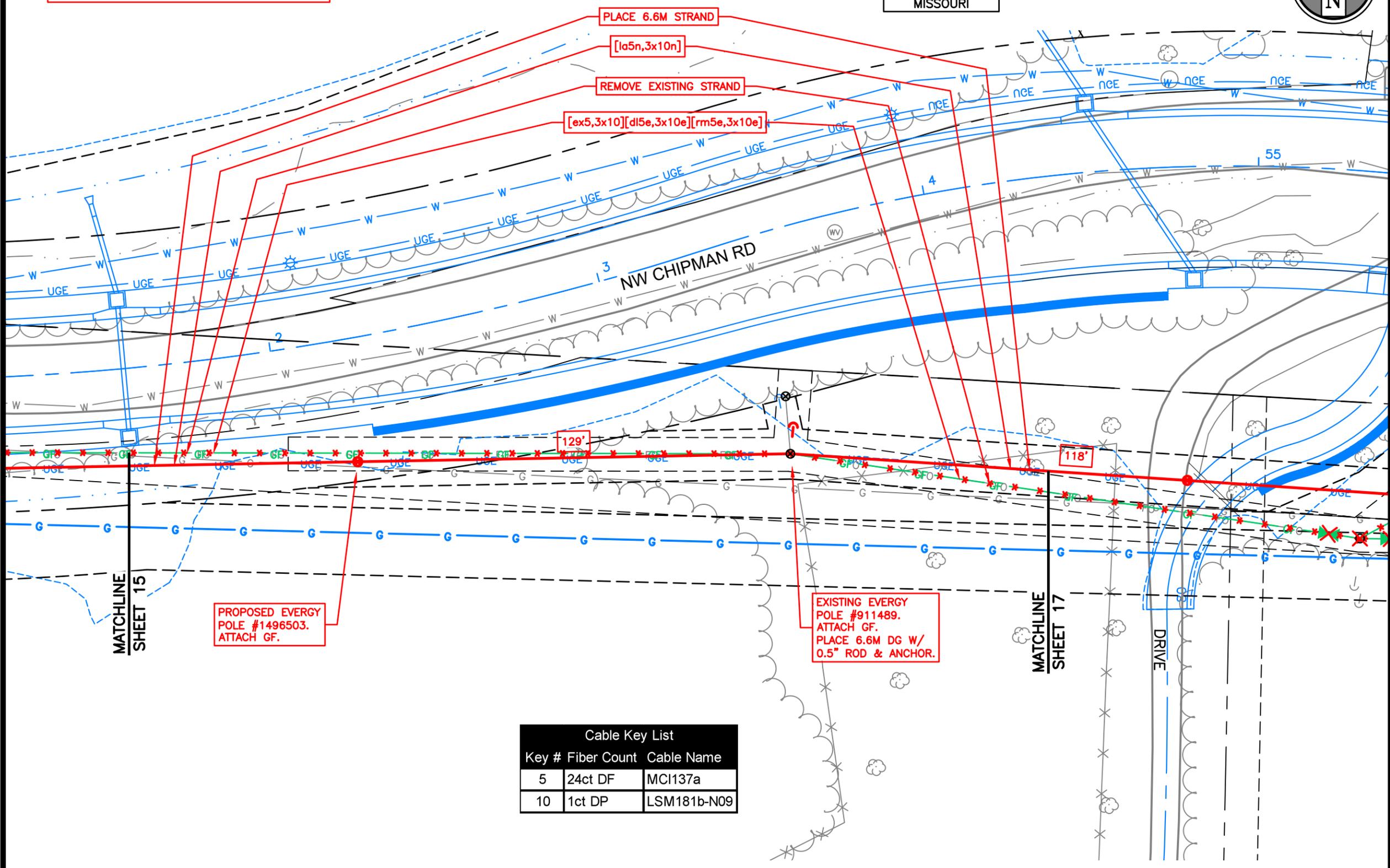
Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:   |
| Checked: LGM    | 16       |
| Approved: MB    |          |
| Scale: 1" = 30' | 16 of 23 |

| Cable Key List |             |             |
|----------------|-------------|-------------|
| Key #          | Fiber Count | Cable Name  |
| 5              | 24ct DF     | MCI137a     |
| 10             | 1ct DP      | LSM181b-N09 |



MATCHLINE  
 SHEET 15

MATCHLINE  
 SHEET 17

PROPOSED EVERGY  
 POLE #1496503.  
 ATTACH GF.

EXISTING EVERGY  
 POLE #911489.  
 ATTACH GF.  
 PLACE 6.6M DG W/  
 0.5" ROD & ANCHOR.

Jun 16, 2021 - 9:18am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 17 Plan 17

| Cable Key List |             |             |
|----------------|-------------|-------------|
| Key #          | Fiber Count | Cable Name  |
| 5              | 24ct DF     | MCI137a     |
| 8              | 48ct DF     | MCI137a     |
| 9              | 24ct AF     | LSM181b     |
| 10             | 1ct DP      | LSM181b-N09 |

MATCHLINE  
SHEET 19

2718

S3, T47N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



| Rev. | Date | Description | By | Ckd | App. |
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|      |      |             |    |     |      |

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Project: GOOGLE FIBER  
CABLE RELOCATION PROJECT  
CHIPMAN ROAD  
IMPROVEMENT PROJECT

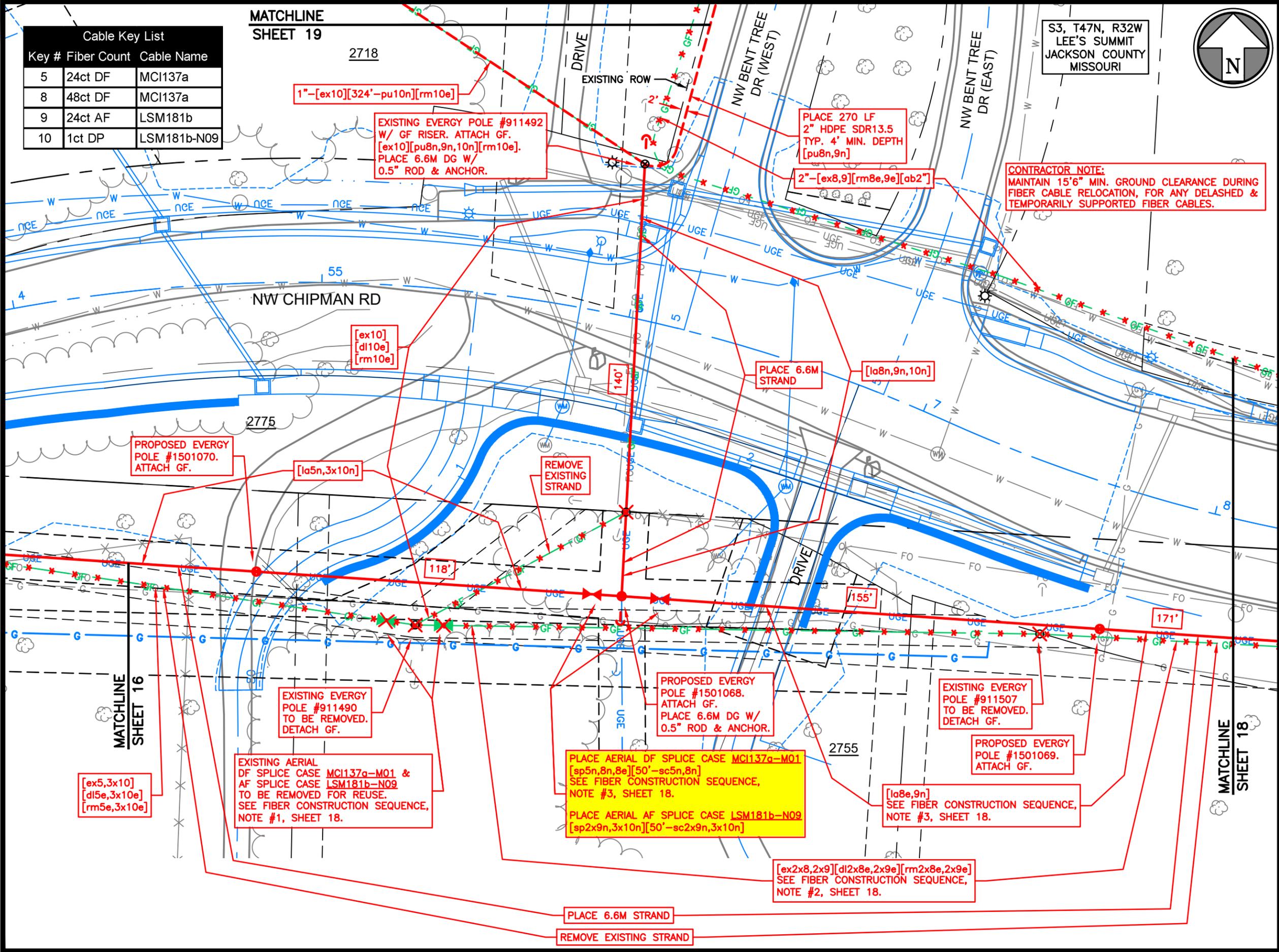
Site Address: NW CHIPMAN ROAD &  
NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:   |
| Checked: LGM    | 17       |
| Approved: MB    |          |
| Scale: 1" = 30' | 17 of 23 |



PROPOSED ENERGY POLE #1501070. ATTACH GF.

EXISTING ENERGY POLE #911492 W/ GF RISER. ATTACH GF. [ex10][pu8n,9n,10n][rm10e]. PLACE 6.6M DG W/ 0.5" ROD & ANCHOR.

PLACE 270 LF 2" HDPE SDR13.5 TYP. 4' MIN. DEPTH [pu8n,9n]

CONTRACTOR NOTE: MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING FIBER CABLE RELOCATION, FOR ANY DELASHED & TEMPORARILY SUPPORTED FIBER CABLES.

PLACE 6.6M STRAND [la8n,9n,10n]

REMOVE EXISTING STRAND

PROPOSED ENERGY POLE #1501068. ATTACH GF. PLACE 6.6M DG W/ 0.5" ROD & ANCHOR.

EXISTING ENERGY POLE #911507 TO BE REMOVED. DETACH GF.

PROPOSED ENERGY POLE #1501069. ATTACH GF.

EXISTING AERIAL DF SPLICE CASE MCI137a-M01 & AF SPLICE CASE LSM181b-N09 TO BE REMOVED FOR REUSE. SEE FIBER CONSTRUCTION SEQUENCE, NOTE #1, SHEET 18.

PLACE AERIAL DF SPLICE CASE MCI137a-M01 [sp5n,8n,8e][50'-sc5n,8n] SEE FIBER CONSTRUCTION SEQUENCE, NOTE #3, SHEET 18.  
PLACE AERIAL AF SPLICE CASE LSM181b-N09 [sp2x9n,3x10n][50'-sc2x9n,3x10n]

[la8e,9n] SEE FIBER CONSTRUCTION SEQUENCE, NOTE #3, SHEET 18.

[ex2x8,2x9][dl2x8e,2x9e][rm2x8e,2x9e] SEE FIBER CONSTRUCTION SEQUENCE, NOTE #2, SHEET 18.

PLACE 6.6M STRAND

REMOVE EXISTING STRAND

MATCHLINE  
SHEET 16

MATCHLINE  
SHEET 18

**CONTRACTOR NOTE:**  
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S3, T47N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI

| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
| 8              | 48ct DF     | MCI137a    |
| 9              | 24ct AF     | LSM181b    |



| Rev. | Date | Description | By | Ckd | App. |
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Project: GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

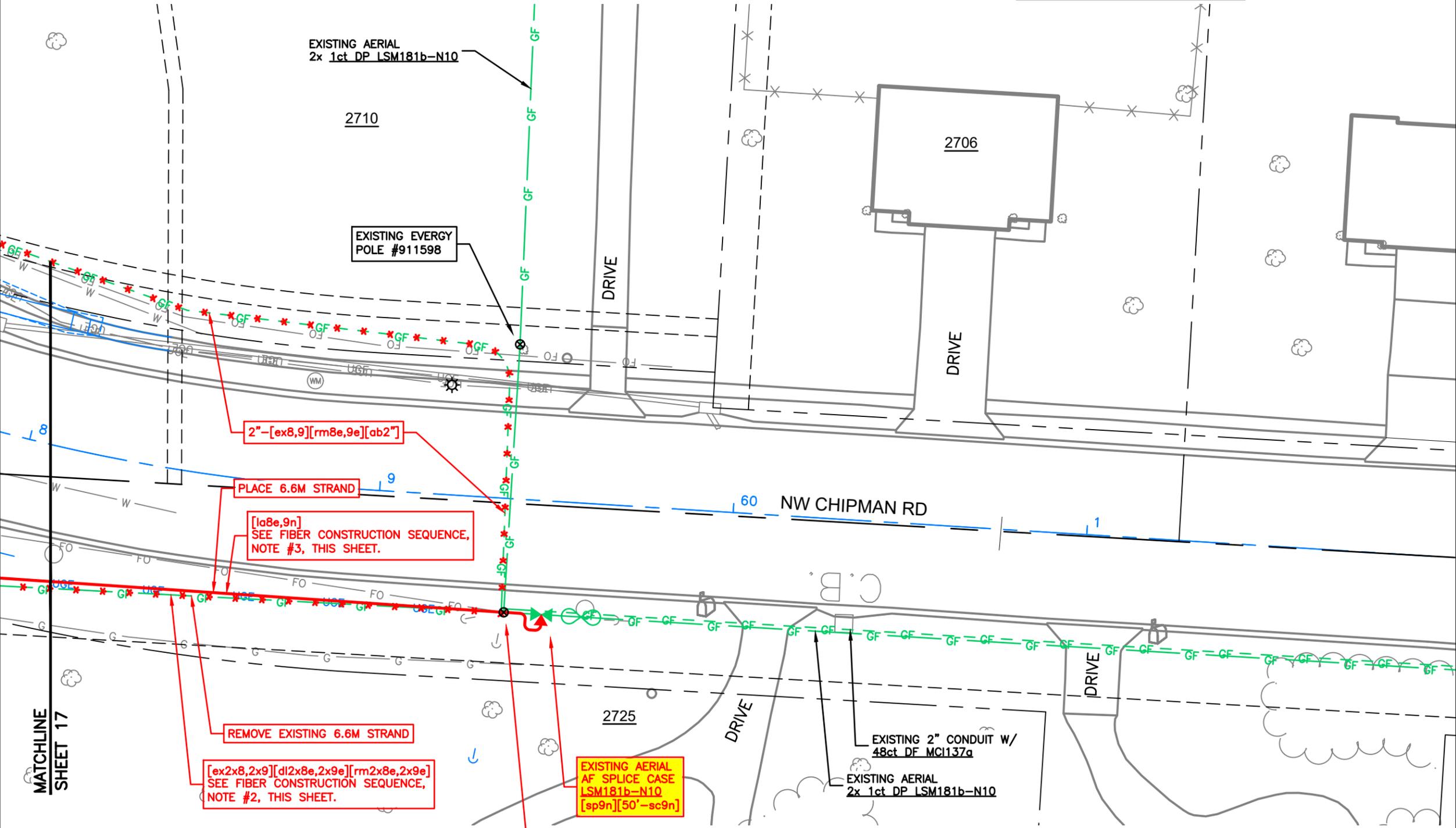
Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:    |
| Checked: LGM    | <b>18</b> |
| Approved: MB    |           |
| Scale: 1" = 30' | 18 of 23  |

Jun 16, 2021 - 9:19am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 18 Plan 18



2" - [ex8,9][rm8e,9e][ab2"]

PLACE 6.6M STRAND

[la8e,9n]  
 SEE FIBER CONSTRUCTION SEQUENCE,  
 NOTE #3, THIS SHEET.

REMOVE EXISTING 6.6M STRAND

[ex2x8,2x9][dl2x8e,2x9e][rm2x8e,2x9e]  
 SEE FIBER CONSTRUCTION SEQUENCE,  
 NOTE #2, THIS SHEET.

EXISTING AERIAL  
 AF SPLICE CASE  
 LSM181b-N10  
 [sp9n][50'-sc9n]

EXISTING ENERGY POLE #911508. ATTACH GF.  
 JOIN NEW 6.6M STRAND TO EXISTING STRAND.  
 SEE FIBER CONSTRUCTION SEQUENCE,  
 NOTE #2, THIS SHEET.

**48ct DF MCI137a FIBER CONSTRUCTION SEQUENCE:**  
 1. DURING MAINTENANCE HOURS (AFTER NEW POLES & STRAND HAVE BEEN PLACED), DISCONNECT EXISTING 48ct DF MCI137a FROM EXISTING DF AERIAL SPLICE MCI137a-M01 ON POLE #911490.  
 2. DE-LASH EXISTING 48ct DF MCI137a EAST FROM THE EXISTING STRAND TO POLE #911508.  
 3. LASH EXISTING 48ct DF MCI137a ONTO NEW STRAND WEST TO NEW DF AERIAL SPLICE MCI137a-M01 ON NEW POLE #1496952.

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S34, T48N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI

MOVE EXISTING LV  
 W/ LCP CABINET  
 MCI137a TO LSM181  
 [tm8n,9n][50'-sc8n,9n]  
 LCP IS BEING MOVED TO  
 AVOID NEW DRIVEWAY AND  
 POSSIBLE FUTURE SIDEWALK

EXISTING 2" CONDUIT W/  
 144ct AF LSM181a



| Rev. | Date | Description | By | Ckd | App. |
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Project: GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn: JNC      | Sheet:   |
| Checked: LGM    | 19       |
| Approved: MB    |          |
| Scale: 1" = 30' | 19 of 23 |

| Cable Key List |             |             |
|----------------|-------------|-------------|
| Key #          | Fiber Count | Cable Name  |
| 8              | 48ct DF     | MCI137a     |
| 9              | 24ct AF     | LSM181b     |
| 10             | 1ct DP      | LSM181b-N09 |

1"-[ex10][324'-pu10n][rm10e]

2"-[ex8,9][rm8e,9e][ab2"]

PLACE 270 LF  
 2" HDPE SDR13.5  
 TYP. 4' MIN. DEPTH  
 [pu8n,9n]

MATCHLINE  
 SHEET 17

Jun 16, 2021 - 9:19am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 19 Plan 19

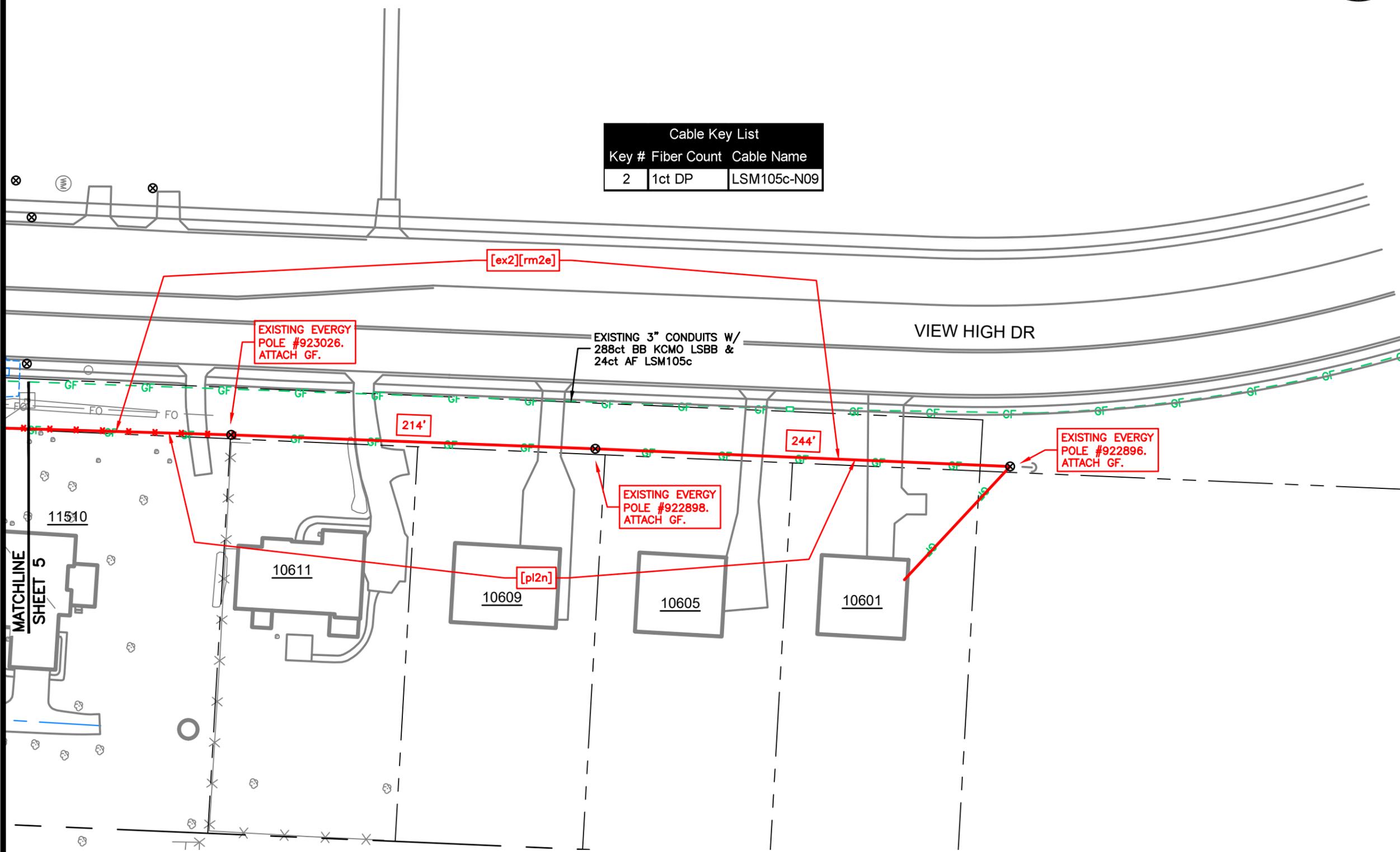
Jun 16, 2021 - 9:19am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 20 Plan 20

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S34, T48N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI



| Cable Key List |             |             |
|----------------|-------------|-------------|
| Key #          | Fiber Count | Cable Name  |
| 2              | 1ct DP      | LSM105c-N09 |



| Rev. | Date | Description | By | Ckd | App. |
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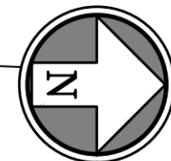
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Jun 16, 2021 - 9:19am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 21 Plan 21

S34, T48N, R32W  
LEE'S SUMMIT  
JACKSON COUNTY  
MISSOURI



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EXISTING EVERGY  
POLE #923058.  
ATTACH GF.

EXISTING EVERGY  
POLE #923059.  
ATTACH GF.

EXISTING EVERGY  
POLE #923057.  
ATTACH GF.

| Cable Key List |             |             |
|----------------|-------------|-------------|
| Key #          | Fiber Count | Cable Name  |
| 3              | 1ct DP      | LSM105c-N10 |

| Rev. | Date | Description | By | Ckd | App. |
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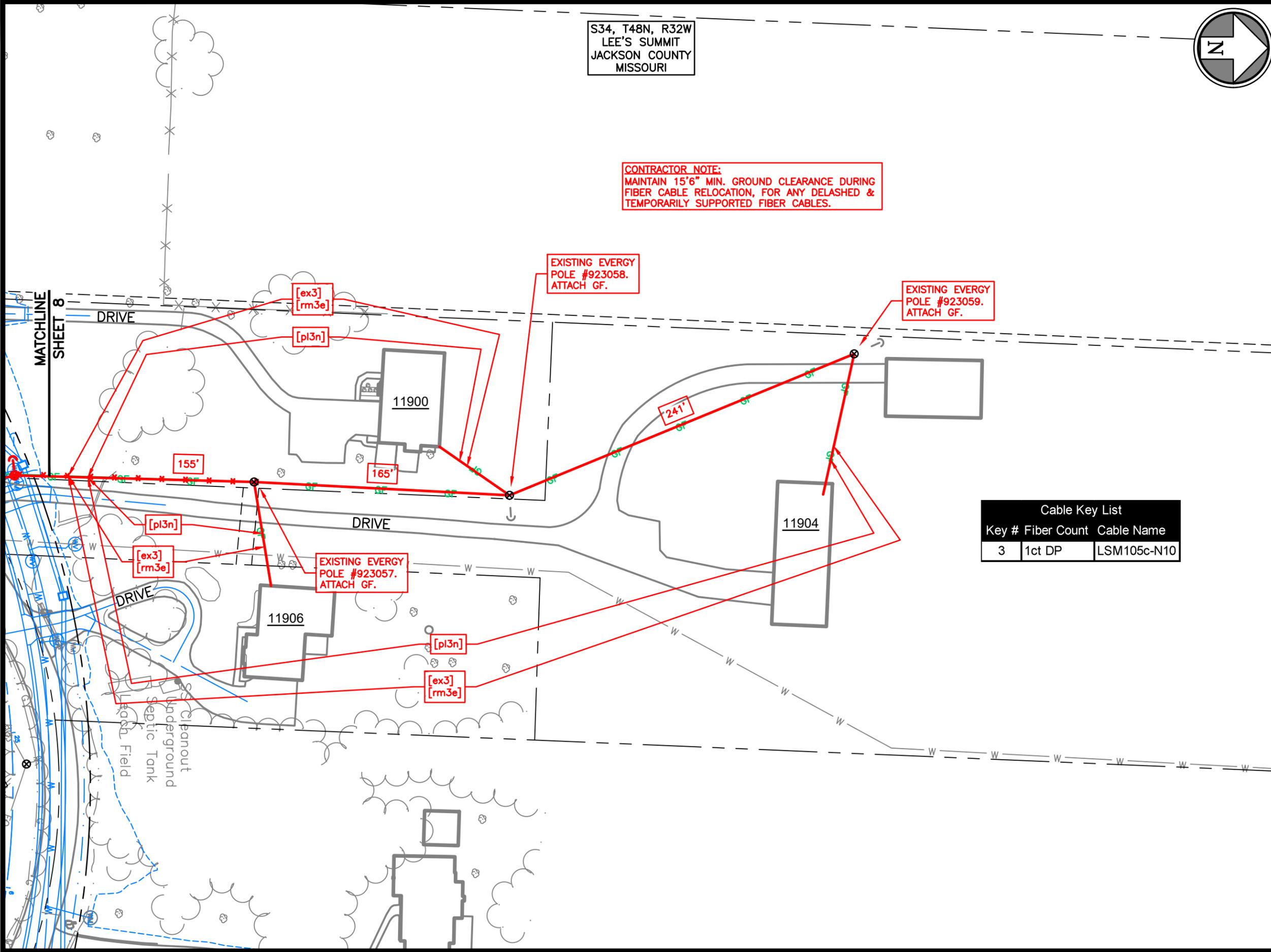
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NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
LEE'S SUMMIT  
JACKSON COUNTY, MISSOURI

Sheet Title:  
CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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| Drawn:    | JNC      | 21       |
| Checked:  | LGM      |          |
| Approved: | MB       |          |
| Scale:    | 1" = 60' |          |
|           |          | 21 of 23 |



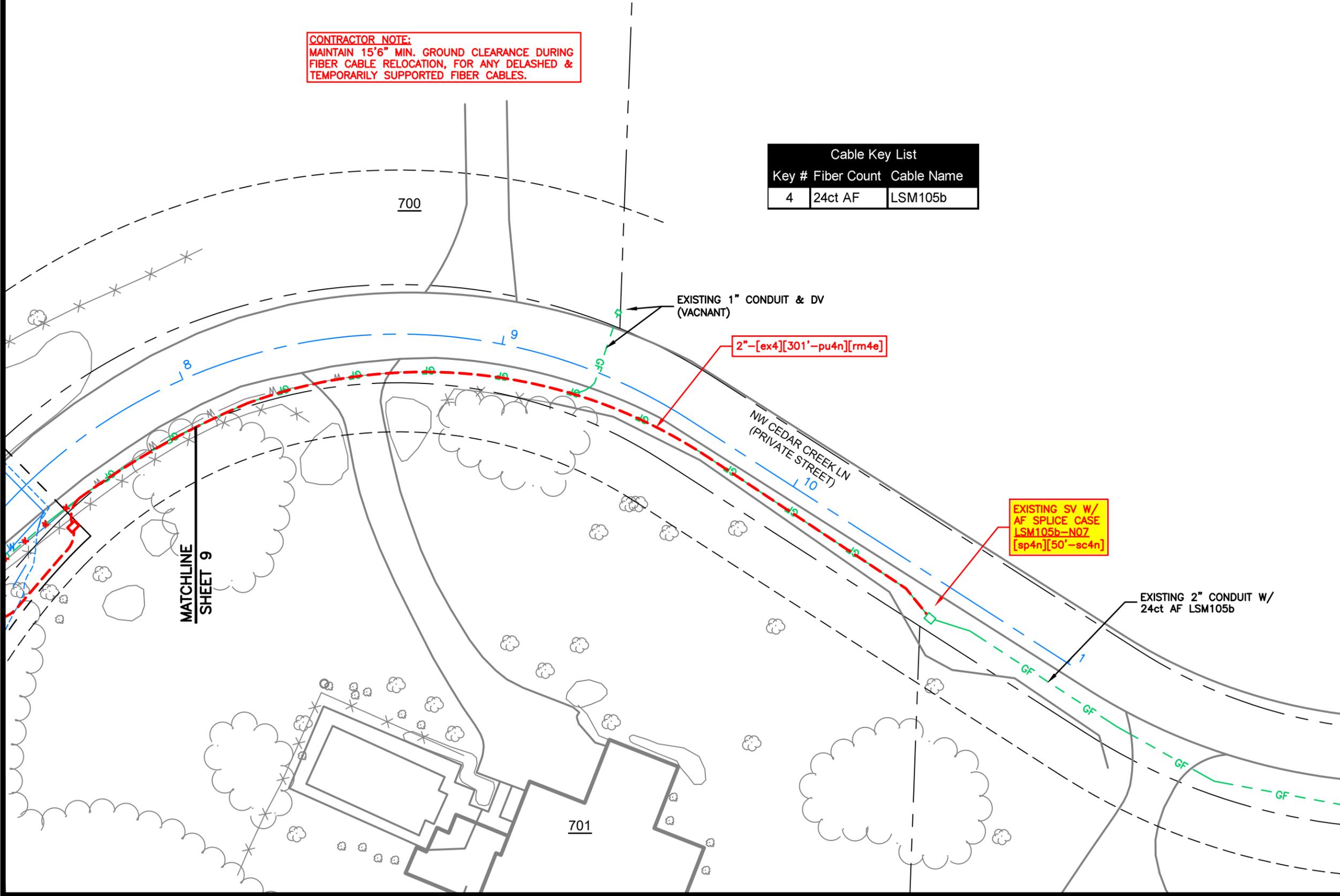
T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 22 Plan 22  
 Jun 16, 2021 - 9:19am Plotted By: james.coggins

S34, T48N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI



**CONTRACTOR NOTE:**  
 MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
 FIBER CABLE RELOCATION, FOR ANY DELASHED &  
 TEMPORARILY SUPPORTED FIBER CABLES.

| Cable Key List |             |            |
|----------------|-------------|------------|
| Key #          | Fiber Count | Cable Name |
| 4              | 24ct AF     | LSM105b    |



| Rev. | Date | Description | By | Ckd | App. |
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- NOTES:**
1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL POT HOLE TO DETERMINE EXACT UTILITY LOCATIONS.
  2. CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE IN ACCORDANCE WITH STATE LAW PRIOR TO BEGINNING WORK.
  3. RIGHT OF WAY INFORMATION SHOWN IS APPROXIMATE.
  4. ALL EXCAVATIONS AND WORK IN CONFINED SPACES SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA REQUIREMENTS AND REGULATIONS.
  5. ALL WORK SHALL CONFORM TO CLIENT SPECIFICATIONS AND CITY, COUNTY OR STATE STANDARDS AND SPECIFICATIONS AND PERMITS.
  6. MAINTAIN 24" MINIMUM CLEARANCE OVER OR UNDER WATER, STORM & SANITARY SEWERS.



Project: GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

Site Address: NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title: CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

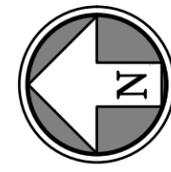
Date Drawn: 06-15-21

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| Drawn:    | JNC      | Sheet:<br><b>22</b><br>22 of 23 |
| Checked:  | LGM      |                                 |
| Approved: | MB       |                                 |
| Scale:    | 1" = 30' |                                 |

Jun 16, 2021 - 9:19am Plotted By: james.coggins T:\022320.05.02 - google fiber intake\022320.05.02-65-chipman rd - view high dr to bent tree dr\DWG\Eng\Sheet\022320.05.02-65-plan.dwg Layout: 23 Plan 23

**CONTRACTOR NOTE:**  
 MAINTAIN 15'6" MIN. GROUND CLEARANCE DURING  
 FIBER CABLE RELOCATION, FOR ANY DELASHED &  
 TEMPORARILY SUPPORTED FIBER CABLES.

S3, T47N, R32W  
 LEE'S SUMMIT  
 JACKSON COUNTY  
 MISSOURI



| Rev. | Date | Description | By | Ckd | App. |
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- NOTES:**
1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND WERE TAKEN FROM FIELD MARKINGS AND CITY/PRIVATE UTILITY INFORMATION TO THE EXTENT THEY WERE AVAILABLE. UTILITY INFORMATION SHOWN IS NOT TO BE TAKEN AS COMPLETE OR EXACT. CONTRACTOR SHALL POT HOLE TO DETERMINE EXACT UTILITY LOCATIONS.
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Project:  
 GOOGLE FIBER  
 CABLE RELOCATION PROJECT  
 CHIPMAN ROAD  
 IMPROVEMENT PROJECT

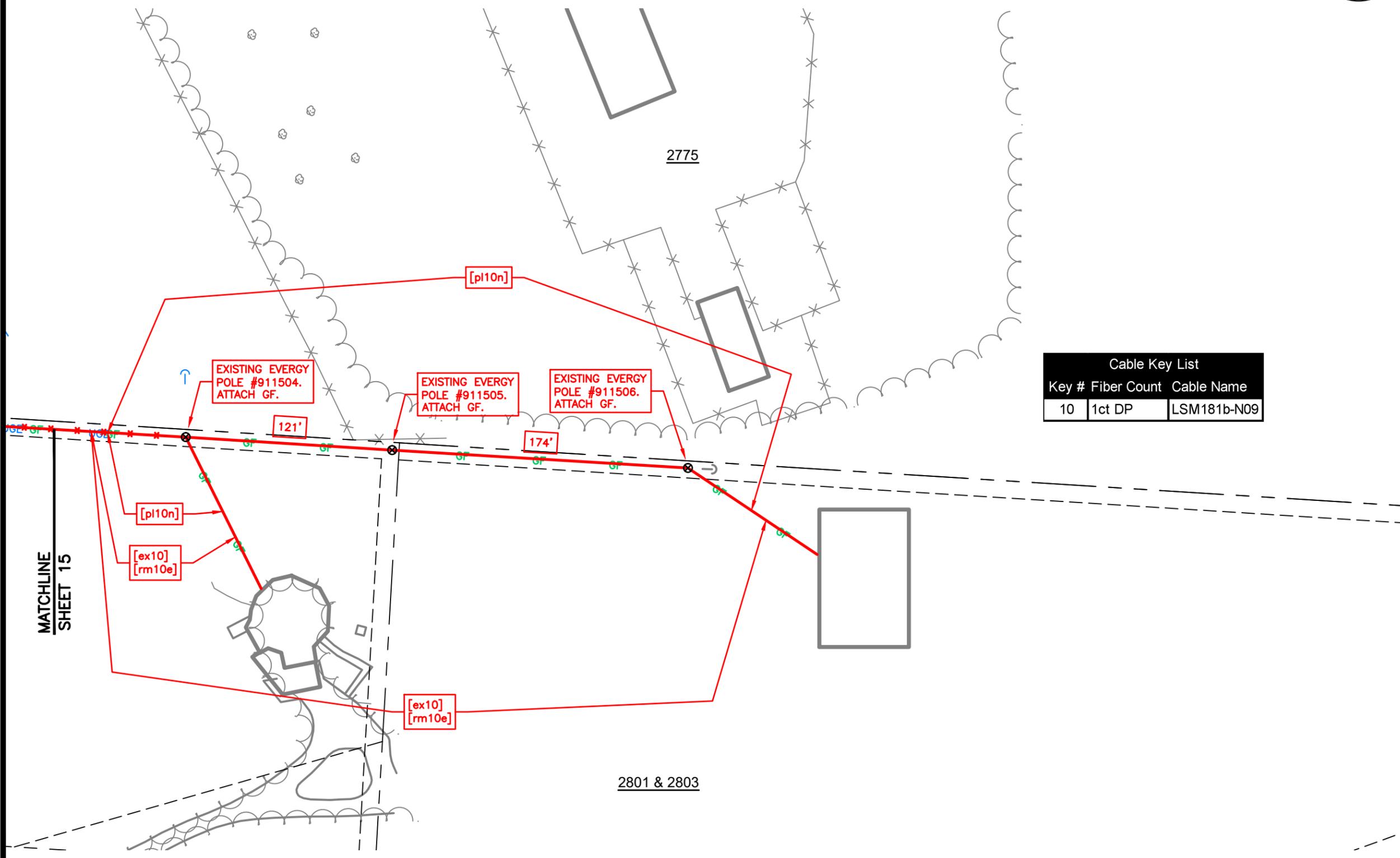
Site Address:  
 NW CHIPMAN ROAD &  
 NW VIEW HIGH DRIVE TO NW BENT TREE DRIVE  
 LEE'S SUMMIT  
 JACKSON COUNTY, MISSOURI

Sheet Title:  
 CONSTRUCTION DRAWING

Project No.: 022320.05.02-65

Date Drawn: 06-15-21

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|-----------|----------|----------|----|
| Drawn:    | JNC      | Sheet:   | 23 |
| Checked:  | LGM      |          |    |
| Approved: | MB       |          |    |
| Scale:    | 1" = 60' | 23 of 23 |    |



**Cable Key List**

| Key # | Fiber Count | Cable Name  |
|-------|-------------|-------------|
| 10    | 1ct DP      | LSM181b-N09 |