

**SUBJECT:** APPROVAL OF UTILITY RELOCATION COSTS OF \$194,560.55 AND TO EXTEND THE COMPLETION DATE TO OCTOBER 31, 2026, TO MTA COMMUNICATIONS, LLC, FOR THE FERN STREET UPGRADE AND PATHWAY PROJECT IN THE CITY OF WASILLA.

**AGENDA OF:** October 21, 2025

**ASSEMBLY ACTION:** Approved under the consent agenda 10/21/25 - BJH

**AGENDA ACTION REQUESTED:** Present to the Assembly for consideration.

| Route To:                           | Signature                                                                                                                                          |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Originator                          | <div>9 / 2 4 / 2 0 2 5</div> <div>X T h a a d W a g n e r</div> <div>S i g n e d b y : T h a a d W a g n e r</div>                                 |
| Project Management Division Manager | <div>9 / 2 4 / 2 0 2 5</div> <div>X C o l e B r a n h a m</div> <div>S i g n e d b y : C o l e B r a n h a m</div>                                 |
| Public Works Director               | <div>9 / 2 5 / 2 0 2 5</div> <div>X T o m A d a m s , P E</div> <div>S i g n e d b y : T o m A d a m s</div>                                       |
| Purchasing Director                 | <div>9 / 2 6 / 2 0 2 5</div> <div>X R K r a f f t</div> <div>S i g n e d b y : R u s s K r a f f t</div>                                           |
| Finance Director                    | <div>9 / 2 6 / 2 0 2 5</div> <div>X L y n d s e y B r i s a r d</div> <div>S i g n e d b y : L y n d s e y B r i s a r d</div>                     |
| Borough Attorney                    | <div>9 / 2 6 / 2 0 2 5</div> <div>X N i c h o l a s S p i r o p o u l o s</div> <div>S i g n e d b y : N i c h o l a s S p i r o p o u l o s</div> |
| Borough Manager                     | <div>9 / 2 6 / 2 0 2 5</div> <div>X M i c h a e l B r o w n</div> <div>S i g n e d b y : M i c h a e l B r o w n</div>                             |
| Borough Clerk                       | <div>9 / 2 9 / 2 0 2 5</div> <div>X B r e n d a J . H e n r y f o r</div> <div>S i g n e d b y : B r e n d a H e n r y</div>                       |

**ATTACHMENT (S) :** Cost Estimate (4 pp)  
Construction Plans (14 pp)

**SUMMARY STATEMENT:** The Fern Street Upgrade and Pathway project, Project No. 35472-1817, is part of the Transportation Infrastructure Program 2021 (TIP21), approved as Proposition 1 by MSB voters in November 2021. The purpose of the project is to upgrade existing portions of Fern Street to MSB Standards, including grading, drainage, surfacing and installing a pathway.

As part of the design process, utilities were requested to review the project design to determine if there are conflicts with their utilities. A purchase order (PO) was prepared for each utility for preliminary engineering with a reimbursable amount of up to \$5,000. If conflicts that cannot be worked around are identified, utility relocation is required before construction. Utility Relocation for this project is planned for the summer of 2026.

A cost estimate for reimbursable work (on a time and materials basis) was received from MTA Communications, LLC (MTA) for the relocation of telecom utilities in the amount of \$194,560.55. The new total of the MTA PO will be \$199,560.55 (\$5,000 + \$194,560.55). MSB 3.08.161 requires Assembly approval of any contract award over \$100,000.

The Administration requests approval for utility relocation costs of \$194,560.55 to MTA for the Fern Street Upgrade and Pathway Project, and extension of the completion date to October 31, 2026.

The Administration requests authority to extend this contract up to 90 days for unforeseen circumstances.

**RECOMMENDATION OF ADMINISTRATION:** Approve utility relocation cost of \$194,560.55 to MTA for the Fern Street Upgrade and Pathway Project in the City of Wasilla, extend the completion date to October 31, 2026, and approve authority to extend the time of performance up to 90 days.

## MATANUSKA-SUSITNA BOROUGH

## FISCAL NOTE

Agenda Date: October 21, 2025

SUBJECT: APPROVAL OF UTILITY RELOCATION COSTS OF \$194,560.55 AND TO EXTEND THE COMPLETION DATE TO OCTOBER 31, 2026, TO MTA COMMUNICATIONS, LLC, FOR THE FERN STREET UPGRADE AND PATHWAY PROJECT IN THE CITY OF WASILLA.

|                                                                                                                                                                                                                                                |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| FISCAL ACTION (TO BE COMPLETED BY FINANCE)                                                                                                                                                                                                     | FISCAL IMPACT <b>YES</b> NO                 |
| AMOUNT REQUESTED \$194,560.55                                                                                                                                                                                                                  | FUNDING SOURCE Roads & Bridges Cap Projects |
| FROM ACCOUNT # 430.000.000 4XX.XXX                                                                                                                                                                                                             | PROJECT # 35472                             |
| TO ACCOUNT:                                                                                                                                                                                                                                    | PROJECT #                                   |
| VERIFIED BY:<br><div style="text-align: right;">9 / 2 6 / 2 0 2 5</div> <div style="text-align: center;">           X M e r i s s a C a r r e l l         </div> <div style="text-align: center;">Signed by: M e r i s s a C a r r e l l</div> |                                             |
|                                                                                                                                                                                                                                                |                                             |

## EXPENDITURES/REVENUES:

(Thousands of Dollars)

| OPERATING          | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 | FY2030 |
|--------------------|--------|--------|--------|--------|--------|--------|
| Personnel Services |        |        |        |        |        |        |
| Travel             |        |        |        |        |        |        |
| Contractual        |        |        |        |        |        |        |
| Supplies           |        |        |        |        |        |        |
| Equipment          |        |        |        |        |        |        |
| Land/Structures    |        |        |        |        |        |        |
| Grants, Claims     |        |        |        |        |        |        |
| Miscellaneous      |        |        |        |        |        |        |
| TOTAL OPERATING    |        |        |        |        |        |        |

|         |  |       |  |  |  |  |
|---------|--|-------|--|--|--|--|
| CAPITAL |  | 194.6 |  |  |  |  |
|---------|--|-------|--|--|--|--|

|         |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|
| REVENUE |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|

## FUNDING:

(Thousands of Dollars)

|                     |  |       |  |  |  |  |
|---------------------|--|-------|--|--|--|--|
| General Fund        |  |       |  |  |  |  |
| State/Federal Funds |  |       |  |  |  |  |
| Other               |  | 194.6 |  |  |  |  |
| TOTAL               |  | 194.6 |  |  |  |  |

## POSITIONS:

|           |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|
| Full-Time |  |  |  |  |  |  |
| Part-Time |  |  |  |  |  |  |
| Temporary |  |  |  |  |  |  |

## ANALYSIS: (Attach a separate page if necessary)

|              |                                                                                                                                                    |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| APPROVED BY: | 9 / 2 6 / 2 0 2 5                                                                                                                                  |
|              | <div style="text-align: center;">X L y n d s e y B r i s a r d</div> <div style="text-align: center;">Signed by: L y n d s e y B r i s a r d</div> |

# OSP Work Order Cover Sheet



|                                                                                                                                                                                       |                               |                  |     |                       |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------|-----|-----------------------|---------------------------|
| Work Order #:                                                                                                                                                                         | 34385                         | Service Order #: | N/A | Eng:                  | dblehm                    |
| Project Description:                                                                                                                                                                  | MSB Relocate MSB FERN ST RELO |                  |     | CLLI:                 | FERN                      |
| *Purpose:                                                                                                                                                                             |                               |                  |     | Bud#                  | 345 - Relocate            |
| MSB FERN ST. RELO. This work order will relocate MTA Facilities in conflict with MSB Project # 35472-1817 2021 TRANSPORTATION INFRASTRUCTURE PROGRAM FERN STREET UPGRADES AND PATHWAY |                               |                  |     | Exch:                 | 376 - Wasilla             |
|                                                                                                                                                                                       |                               |                  |     | Acct. Code:           | 2423.20 BCU-Buried Copper |
|                                                                                                                                                                                       |                               |                  |     | Competitive CLLI? Y/N | Y                         |

|                                                    |                   |                  |                    |             |     |
|----------------------------------------------------|-------------------|------------------|--------------------|-------------|-----|
| Work Order Tracking                                |                   |                  |                    |             |     |
| OSP Engineer                                       | 09/22/25          | DDB              | To ROW             | ___/___/___ | ___ |
| OSP Ntwrk Engr                                     | ___/___/___       |                  | Out of ROW         | ___/___/___ | ___ |
| OSP Eng Supv/Frm                                   | ___/___/___       |                  | Permit Req'd (Y/N) | ___         | ___ |
| DIR E&C                                            | 9/23/25           | CRB              | Verbal (Y/N)       | ___         | ___ |
| VP of OEC *                                        | ___/___/___       |                  | Time               | ___         | ___ |
| *(over \$200K Unidentified or 10% over Identified) |                   |                  | Date               | ___/___/___ | ___ |
| Final                                              | Is WO Identified? | AGENCY           | SPL Comp           | ___/___/___ | ___ |
|                                                    | 0                 | Per ___ Initials | SPL Rem Comp       | ___/___/___ | ___ |
|                                                    |                   |                  | F/O SPL Comp       | ___/___/___ | ___ |

Template: DOL Rate OVER \$25K

| Original                |   | Estimate Summary                       | Hours                | Dollars       | Engineering  |
|-------------------------|---|----------------------------------------|----------------------|---------------|--------------|
| Change Orders:          |   | Engineering - Preliminary Design       | 54.11                | 9,599.01      | Contract Bid |
| Number / Date / Initial |   | Engineering - Construction             | 16.23                | 2,879.70      |              |
| / /                     |   | Engineering - Posting Asbuilt redlines | 10.82                | 1,919.80      |              |
| / /                     |   | Survey Prep                            | 0.00                 | 0.00          |              |
| / /                     |   | Survey Design - Crew                   | 0.00                 | 0.00          |              |
| / /                     |   | Survey Construction - Crew             | 0.00                 | 0.00          | Placing      |
| / /                     |   | Inspector                              | 0.00                 | 0.00          | Contract Bid |
| / /                     |   | Placing                                | 305.09               | 61,548.24     |              |
| / /                     |   | Mobilization & Staging - Placing       | 0.00                 | 0.00          |              |
| / /                     |   | Splicing                               | 236.04               | 48,286.19     | Splicing     |
| Cable Information       |   | Mobilization & Staging - Splicing      | 0.00                 | 0.00          | Contract Bid |
| Estimated Footage:      |   | ROW Permits/Easements/Fees             |                      | 0.00          |              |
| Copper Footage          | 0 | ROW Labor                              | 0.00                 | 0.00          |              |
| Fiber Footage           | 0 | Materials                              |                      | 23,313.44     |              |
| Actual Footage:         |   | Material Overhead                      |                      | 1,403.47      |              |
| Copper Footage          | 0 | Boring - Contractor                    | Footage              | 597           | 45,610.70    |
| Fiber Footage           | 0 | Clearing - Contractor                  | Footage              | 0             | 0.00         |
| Retired Route Footage:  |   | SWPPP                                  |                      | 0.00          |              |
| Copper Footage          | 0 | Landscaping                            | Footage              | 0             | 0.00         |
| Fiber Footage           | 0 | Perdiem/Lodging/Meals/Mileage          |                      | 0.00          |              |
| New Route Footage:      |   | Other                                  |                      | 0.00          |              |
| Copper Footage          | 0 | Aid to Construction                    |                      | 0.00          |              |
| Fiber Footage           | 0 |                                        |                      |               |              |
|                         |   |                                        | Material + Overhead: | \$ 24,716.91  |              |
|                         |   |                                        | Labor Sub Total:     | \$ 124,232.94 | ROM or       |
|                         |   |                                        | Other Sub Total:     | \$ 45,610.70  | Est. Budget  |
|                         |   |                                        | TOTAL Work Order:    | \$ 194,560.55 | \$0.00       |

|                                 |                  |
|---------------------------------|------------------|
| Notes:                          |                  |
| VDSL Nodes:                     | Total Estimated: |
| Total Lots:                     | 0                |
| Total Structures:               | 0                |
| Lots-passed w/Innerduct:        | 0                |
| Loops >10 KFT Before Cutover:   | 0                |
| Fiber Builds:                   | Total Estimated: |
| Total Lots:                     | 0                |
| FDH being placed? Y or N        | 0                |
| VDSL Nodes:                     | Total Estimated: |
| Loops > 6.5 KFT Before Cutover: | 0                |
| Loops < 6.5 KFT After Cutover:  | 0                |
| Loops > 4 KFT Before Cutover:   | 0                |
| Loops < 4 KFT After Cutover:    | 0                |
| Fiber Builds:                   | Total Estimated: |
| Total Structures - FTTB:        | 0                |
| Total Structures - FTTH:        | 0                |

Notes:

MSB FERN ST. RELO. This work order is replacing both copper and fiber facilities in conflict with the MSB road project # 35472-1817 2021, impacted major facilities.

Copper facilities – Replacing 1,506' of BFC400 and 894' of BFC 200 with a single 1,550' BFC 400/UFC 400.

Conduit facilities – Replacing 1,467' of BM 92-1.25" & 1,467' of BM 92-12mm duct each with existing fiber Cables.

Fiber facilities – Replacing 2,522' of UFO 24 & 2,746' of UFO 72 with a 2,740' UFO 288 @ a 67% betterment for fiber.

Relocate Summary Report

| WO#:  |       | 34385                         |                         |                                                 | Employee Name:        |               |                |                                       | Matanuska Telephone Association   |                           |                       |  |                           |  |
|-------|-------|-------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------|---------------|----------------|---------------------------------------|-----------------------------------|---------------------------|-----------------------|--|---------------------------|--|
| Exch: |       | 376 - Wasilla                 |                                                                                                          |                                                 | Employee #:           |               |                |                                       |                                   |                           |                       |  | Relocate - Summary Report |  |
| CLLI: |       | FERN                          |                                                                                                          |                                                 | Expected Pickup Date: |               |                |                                       |                                   |                           |                       |  |                           |  |
| Name: |       | MSB Relocate MSB FERN ST RELO |                                                                                                          |                                                 |                       |               |                |                                       |                                   |                           |                       |  |                           |  |
| IM #  | Qty   | Unit                          | DESCRIPTION                                                                                              | Comments                                        | DEPT                  | Material Cost | DB Labor Hours | Replacement<br>in Kind -<br>Materials | Replacement<br>in Kind -<br>LABOR | Betterment -<br>Materials | Betterment -<br>LABOR |  |                           |  |
| 0     | 40    | BM 60 (2ea 1.25)              | BORED Duct Plastic, 1.25" x 2                                                                            |                                                 | Contract              | 2,128.00      | 0              | \$2,128.00                            | \$0.00                            |                           |                       |  |                           |  |
| 0     | 182   | BM 60 (3.5)                   | BORED Duct Plastic, 3.5", (4" O.D.)                                                                      |                                                 | Contract              | 11,120.20     | 0              | \$11,120.20                           | \$0.00                            |                           |                       |  |                           |  |
| 0     | 375   | BM 60 (5.3)                   | BORED Duct Plastic, 5.3", (6" O.D.)                                                                      |                                                 | Contract              | 32,362.50     | 0              | \$32,362.50                           | \$0.00                            |                           |                       |  |                           |  |
| 0     |       | Engineering Hours             |                                                                                                          |                                                 | Eng                   |               | 81.17          | \$0.00                                | \$81.17                           |                           |                       |  |                           |  |
| 0     |       | Surveying Hours               |                                                                                                          |                                                 | Eng                   |               | 0.00           | \$0.00                                | \$0.00                            |                           |                       |  |                           |  |
| 0     |       | Placing Mobilization &        |                                                                                                          |                                                 | PLC                   |               | 0.00           | \$0.00                                | \$0.00                            |                           |                       |  |                           |  |
| 0     |       | Splicing Mobilization &       |                                                                                                          |                                                 | SPL                   | -             | 0.00           | \$0.00                                | \$0.00                            |                           |                       |  |                           |  |
| 1601  | 4     | BA 22                         | POSTWOODRECT3.5x4.5IN x 8FT                                                                              |                                                 | PLC                   | 141.60        | \$ 464.00      | \$141.60                              | \$464.00                          |                           |                       |  |                           |  |
| 23995 | 4     | BD-5 AH                       | PEDESTAL,CABLE,CAD12,GLV ST (MAX 900PR)                                                                  |                                                 | PLC                   | 717.60        | \$ 2,784.01    | \$717.60                              | \$2,784.01                        |                           |                       |  |                           |  |
| 16864 | 151   | BFC 25-24T                    | CABLE 25-24TRENCH                                                                                        |                                                 | PLC                   | 161.57        | \$ 2,101.93    | \$161.57                              | \$2,101.93                        |                           |                       |  |                           |  |
| 17187 | 1113  | BFC 400-24T                   | CABLE 400-24 TRENCH                                                                                      |                                                 | PLC                   | 9,237.90      | \$ 18,075.20   | \$9,237.90                            | \$18,075.20                       |                           |                       |  |                           |  |
| 16984 | 180   | BFC 50-24T                    | CABLE 50-24 TRENCH                                                                                       |                                                 | PLC                   | 340.20        | \$ 2,505.61    | \$340.20                              | \$2,505.61                        |                           |                       |  |                           |  |
| 22595 | 1     | BHF-2 KIT                     | HANDHOLE3FTx4FTx36IN, steel plate cover & knockouts w/accessories                                        |                                                 | PLC                   | 675.01        | \$ 1,856.01    | \$675.01                              | \$1,856.01                        |                           |                       |  |                           |  |
| 1601  | 1     | BHF2K Includes BA 22          | POST, WOOD, RECT, 3.5x4.5IN x 8FT                                                                        |                                                 | PLC                   | 35.40         | \$ 116.00      | \$35.40                               | \$116.00                          |                           |                       |  |                           |  |
| 16008 | 1     | BHF2K Includes BM 11          | MARKER,PEDESTAL,YLW,4FT,CLAMPS                                                                           |                                                 | PLC                   | 12.07         | \$ 69.60       | \$12.07                               | \$69.60                           |                           |                       |  |                           |  |
| 1610  | 1     | BHF2K Includes BM 2 5/8       | ROD,GROUND,5/8IN x 8FT,BLACK-                                                                            |                                                 | PLC                   | 22.43         | \$ 116.00      | \$22.43                               | \$116.00                          |                           |                       |  |                           |  |
| 8251  | 1     | BHF2K Includes BM 53-1        | SIGN WARNING F/O BURIED CABLE                                                                            |                                                 | PLC                   | 21.50         | \$ 69.60       | \$21.50                               | \$69.60                           |                           |                       |  |                           |  |
| 1894  | 1     | BHF2K Includes blank          | SIGN, BLANK, YELLOW, 4 Holes                                                                             |                                                 | PLC                   | 6.21          | \$ 46.40       | \$6.21                                | \$46.40                           |                           |                       |  |                           |  |
| 17096 | 10    | BHF2K Includes BM 92-         | INNERDUCT,1.25IN,BLK/ORG STRIP                                                                           |                                                 | PLC                   | 5.50          | \$ 139.20      | \$5.50                                | \$139.20                          |                           |                       |  |                           |  |
| 16008 | 4     | BM 11                         | MARKER,PEDESTAL,YLW,4FT,CLAMPS                                                                           |                                                 | PLC                   | 48.28         | \$ 278.40      | \$48.28                               | \$278.40                          |                           |                       |  |                           |  |
| 1610  | 4     | BM 2 5/8                      | ROD,GROUND,5/8IN x 8FT,BLACK-                                                                            |                                                 | PLC                   | 89.72         | \$ 464.00      | \$89.72                               | \$464.00                          |                           |                       |  |                           |  |
| 0     | 1     | BM 40SIP - KIT                | FO LOCATE ASSEMBLY - Placing Units                                                                       |                                                 | PLC                   | -             | \$ -           | \$0.00                                | \$0.00                            |                           |                       |  |                           |  |
| 1601  | 1     | BM40SIPKPLC Includes          | POST, WOOD, RECT, 3.5x4.5IN x 8FT                                                                        |                                                 | PLC                   | 35.40         | \$ 116.00      | \$35.40                               | \$116.00                          |                           |                       |  |                           |  |
| 16008 | 1     | BM40SIPKPLC IIncludes         | MARKER,PEDESTAL,YLW,4FT,CLAMPS                                                                           |                                                 | PLC                   | 12.07         | \$ 69.60       | \$12.07                               | \$69.60                           |                           |                       |  |                           |  |
| 1610  | 1     | BM40SIPKPLC IIncludes         | ROD,GROUND,5/8IN x 8FT,BLACK-                                                                            |                                                 | PLC                   | 22.43         | \$ 116.00      | \$22.43                               | \$116.00                          |                           |                       |  |                           |  |
| 8251  | 1     | BM40SIPKPLC IIncludes         | SIGN WARNING F/O BURIED CABLE                                                                            |                                                 | PLC                   | 21.50         | \$ 69.60       | \$21.50                               | \$69.60                           |                           |                       |  |                           |  |
| 1894  | 1     | BM40SIPKPLC IIncludes         | SIGN, BLANK, YELLOW, 4 Holes                                                                             |                                                 | PLC                   | 6.21          | \$ 46.40       | \$6.21                                | \$46.40                           |                           |                       |  |                           |  |
| 17096 | 20    | BM40SIPKPLC IIncludes         | INNERDUCT,1.25IN,BLK/ORG STRIP                                                                           |                                                 | PLC                   | 11.00         | \$ 278.40      | 11                                    | 278.4012                          |                           |                       |  |                           |  |
| 0     | 60    | BM 70                         | Compacted Road/Driveway Crossing added to trenching cost                                                 |                                                 | PLC                   | -             | \$ 4,639.56    | \$0.00                                | \$4,639.56                        |                           |                       |  |                           |  |
| 17096 | 2765  | BM 92-1.25D                   | INNERDUCT,1.25IN,BLK/ORG STRIPE                                                                          | *B* 7%                                          | PLC                   | 1,520.75      | \$ 3,207.41    | \$1,414.30                            | \$2,982.89                        | \$106.45                  | \$224.52              |  |                           |  |
| 17096 | 433   | BM 92-1.25T                   | INNERDUCT,1.25IN,BLK/ORG STRIP                                                                           | *B* 40%                                         | PLC                   | 238.15        | \$ 6,027.39    | \$142.89                              | \$3,616.43                        | \$95.26                   | \$2,410.95            |  |                           |  |
| 17096 | 1092  | UD1-1.25-V                    | 1X1.25 INNERDUCT IN CONDUIT                                                                              | *B* 18%                                         | PLC                   | 600.60        | \$ 5,066.90    | \$492.49                              | \$4,154.86                        | \$108.11                  | \$912.04              |  |                           |  |
| 16864 | 105   | UFC 25-24                     | CABLE 25-24 Underground, in Conduit                                                                      |                                                 | PLC                   | 112.35        | \$ 121.80      | \$112.35                              | \$121.80                          |                           |                       |  |                           |  |
| 17187 | 437   | UFC 400-24                    | CABLE 400-24 Underground, in Conduit                                                                     |                                                 | PLC                   | 3,627.10      | \$ 1,013.84    | \$3,627.10                            | \$1,013.84                        |                           |                       |  |                           |  |
| 16984 | 77    | UFC 50-24                     | CABLE 50-24 Underground, in Conduit                                                                      |                                                 | PLC                   | 145.53        | \$ 89.32       | \$145.53                              | \$89.32                           |                           |                       |  |                           |  |
| 27088 | 2740  | UFO 288SRS                    | CABLE F/O 288 RIBBON, Spider Ribbon-Shielded, Underground in Conduit<br>*Labor rate is for Blowing Fiber | *B* UP FROM 96 TO 288<br>FOC, 67%               | PLC                   | 5,069.00      | \$ 6,356.83    | \$1,672.77                            | \$2,097.75                        | \$3,396.23                | \$4,259.07            |  |                           |  |
| 0     | 2     | WBD C                         | PEDESTAL REARRANGEMENT                                                                                   |                                                 | PLC                   | -             | \$ 348.00      | \$0.00                                | \$348.00                          |                           |                       |  |                           |  |
| 0     | 85    | WBFC                          | LOWER BURIED FILLED CABLE                                                                                |                                                 | PLC                   | -             | \$ 1,183.21    | \$0.00                                | \$1,183.21                        |                           |                       |  |                           |  |
| 0     | 1     | WBH                           | HANDHOLE REARRANGEMENT                                                                                   |                                                 | PLC                   | -             | \$ 1,160.01    | \$0.00                                | \$1,160.01                        |                           |                       |  |                           |  |
| 0     | 1     | XBA                           | REMOVE STUB POLE                                                                                         |                                                 | PLC                   | -             | \$ 116.00      | \$0.00                                | \$116.00                          |                           |                       |  |                           |  |
| 0     | 2     | XBD                           | REMOVE PEDESTAL (3 4 OR 5)                                                                               |                                                 | PLC                   | -             | \$ 232.00      | \$0.00                                | \$232.00                          |                           |                       |  |                           |  |
| 0     | 1     | XBD-7                         | REMOVE CABINET                                                                                           |                                                 | PLC                   | -             | \$ 348.00      | \$0.00                                | \$348.00                          |                           |                       |  |                           |  |
| 0     | 2952  | XBM 92-1.25                   | ABANDON DUCT, 1.25"                                                                                      | 1,467' OF BM 92-1.25" &<br>1,467' OF BM 92-12MM | PLC                   | -             | \$ -           |                                       |                                   |                           |                       |  |                           |  |
| 0     | 2,522 | XUO-24                        | UG 24 F/O CABLE REMOVAL                                                                                  |                                                 | PLC                   | -             | \$ -           |                                       |                                   |                           |                       |  |                           |  |
| 0     | 2,746 | XUO-72                        | UG 72 F/O CABLE REMOVAL                                                                                  |                                                 | PLC                   | -             | \$ -           |                                       |                                   |                           |                       |  |                           |  |
| 0     | 1     | ZBH                           | SALVAGE HANDHOLE                                                                                         |                                                 | PLC                   | -             | \$ 1,856.01    | \$0.00                                | \$1,856.01                        |                           |                       |  |                           |  |
| 0     | 13    | BM 2C                         | EXISTING PED NEW CA BONDING                                                                              |                                                 | SPL                   | -             | \$ 917.50      | \$0.00                                | \$917.50                          |                           |                       |  |                           |  |

Relocate Summary Report



|       |      |                               |                                                                                                  |                                   |                       |                                                           |                                     |                                       |                                   |                              |                       |        |
|-------|------|-------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------|-----------------------------------------------------------|-------------------------------------|---------------------------------------|-----------------------------------|------------------------------|-----------------------|--------|
| WO#:  |      | 34385                         |  Employee Name: |                                   |                       |                                                           | Matanuska Telephone Association     |                                       |                                   |                              |                       |        |
| Exch: |      | 376 - Wasilla                 |                                                                                                  |                                   | Employee #:           |                                                           |                                     |                                       | Relocate - Summary Report         |                              |                       |        |
| CLLI: |      | FERN                          |                                                                                                  |                                   | Expected Pickup Date: |                                                           |                                     |                                       |                                   |                              |                       |        |
| Name: |      | MSB Relocate MSB FERN ST RELO |                                                                                                  |                                   |                       |                                                           |                                     |                                       |                                   |                              |                       |        |
| IM #  | Qty  | Unit                          | DESCRIPTION                                                                                      | Comments                          | DEPT                  | Material Cost                                             | DB Labor Hours                      | Replacement<br>in Kind -<br>Materials | Replacement<br>in Kind -<br>LABOR | Betterment -<br>Materials    | Betterment -<br>LABOR |        |
| 0     | 4    | BM 30-(25)                    | PC STUB 25 PR                                                                                    |                                   | SPL                   | -                                                         | \$ 470.51                           | \$0.00                                | \$470.51                          |                              |                       |        |
| 25864 | 1    | HBFOR 9.5                     | FO Ribbon Dome Closure, 9.5 x 28, (BOM FOR TRAYS)                                                |                                   | SPL                   | 376.36                                                    | \$ 1,411.53                         | \$376.36                              | \$1,411.53                        |                              |                       |        |
| 0     | 200  | HC-3                          | CABLE SPLICING W/MOD                                                                             |                                   | SPL                   | -                                                         | \$ 470.51                           | \$0.00                                | \$470.51                          |                              |                       |        |
| 0     | 358  | HO-1                          | FUSION, ONE FIBER (FO)                                                                           | *B* UP FROM 96 TO 288<br>FOC, 67% | SPL                   | -                                                         | \$ 21,055.37                        | \$0.00                                | \$6,948.27                        | \$0.00                       | \$14,107.10           |        |
| 0     | 10   | LBR SPL FO                    | SPLICING LABOR - FIBER OPTIC (BOM REQ)                                                           |                                   | SPL                   | -                                                         | \$ 2,352.56                         | \$0.00                                | \$2,352.56                        |                              |                       |        |
| 0     | 975  | WHC-3                         | CABLE THROW W/MOD 100 PR                                                                         |                                   | SPL                   | -                                                         | \$ 13,762.45                        | \$0.00                                | \$13,762.45                       |                              |                       |        |
| 0     | 24   | WHO-1                         | Fiber Optic Cutover rearrange                                                                    |                                   | SPL                   | -                                                         | \$ 5,646.13                         | \$0.00                                | \$5,646.13                        |                              |                       |        |
| 0     | 1    | WHUO                          | UG FO SPL CASE REARR(BOM REQ)                                                                    |                                   | SPL                   | -                                                         | \$ 1,411.53                         | \$0.00                                | \$1,411.53                        |                              |                       |        |
| 0     | 894  | XBFC 200-24                   | 200 PAIR BURIED ABANDON                                                                          |                                   | SPL                   | -                                                         | \$ -                                | \$0.00                                | \$0.00                            |                              |                       |        |
| 0     | 706  | XBFC 25-24                    | 25 PAIR BURIED ABANDON                                                                           |                                   | SPL                   | -                                                         | \$ -                                | \$0.00                                | \$0.00                            |                              |                       |        |
| 0     | 1506 | XBFC 400-24                   | 400 PAIR BURIED ABANDON                                                                          |                                   | SPL                   | -                                                         | \$ -                                | \$0.00                                | \$0.00                            |                              |                       |        |
| 0     | 40   | XBFC 6-24                     | 6 PAIR BURIED ABANDON                                                                            |                                   | SPL                   | -                                                         | \$ -                                | \$0.00                                | \$0.00                            |                              |                       |        |
| 0     | 3    | XBM 30                        | REMOVE PC STUB                                                                                   |                                   | SPL                   | -                                                         | \$ 176.44                           | \$0.00                                | \$176.44                          |                              |                       |        |
| 0     | 2    | XNID                          | REMOVE NID                                                                                       |                                   | SPL                   | -                                                         | \$ 141.15                           | \$0.00                                | \$141.15                          |                              |                       |        |
| 0     | 1    | XHUO                          | REMOVE FO SPL CLOSURE                                                                            |                                   | SPL                   | -                                                         | \$ 470.51                           | \$0.00                                | \$470.51                          |                              |                       |        |
|       |      | Totals                        |                                                                                                  |                                   | ALL                   |                                                           |                                     | Replacement<br>in Kind -<br>Materials | Replacement<br>in Kind -<br>LABOR | Betterment -<br>Materials    | Betterment -<br>LABOR |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Material Cost                       | \$19,607.39                           |                                   | \$3,706.05                   |                       |        |
|       |      |                               | Total Labor Costs = \$109,834.43                                                                 |                                   |                       | Betterment<br>%                                           | Material<br>Overhead                | \$1,180.36                            |                                   | \$223.10                     |                       |        |
|       |      |                               | Total Placing Labor Costs = \$61,548.24                                                          |                                   |                       | 13%                                                       | Placing Labor                       |                                       | \$53,741.65                       |                              | \$7,806.59            |        |
|       |      |                               | Total Splicing Labor Costs = \$48,286.19                                                         |                                   |                       | 29%                                                       | Splicing Labor                      |                                       | \$34,179.10                       |                              | \$14,107.10           |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Boring                              | \$45,610.70                           |                                   | \$0.00                       |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Clearing                            | \$0.00                                |                                   | \$0.00                       |                       |        |
|       |      |                               | Total Engineering Labor Costs = \$14,398.51                                                      |                                   |                       | 13.11%                                                    | Engineering<br>hours                |                                       | \$11,525.78                       |                              | \$2,872.73            |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Survey                              |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Construction<br>Inspector Hours     |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | SWPPP                               |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Landscaping                         |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Perdiem,<br>Lodging Meals<br>Mieage |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Other                               |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | Aid to Constr                       |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | ROW<br>permit/fees                  |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       |                                                           | ROW                                 |                                       | \$0.00                            |                              |                       |        |
|       |      |                               |                                                                                                  |                                   |                       | Total Placing Staging & Mobilization Labor Costs = \$0.00 |                                     |                                       | 12.68%                            | Placing Stage &<br>Mob Hours |                       | \$0.00 |
|       |      |                               | Total Splicing Staging & Mobilization Labor Costs = \$0.00                                       |                                   |                       | 29.22%                                                    | Splicing Stage &<br>Mob Hours       |                                       | \$0.00                            |                              | \$0.00                |        |

Relocate Summary Report

|       |     |                               |                                                                                    |                       |          |      |               |                |                                 |                             |                        |                    |
|-------|-----|-------------------------------|------------------------------------------------------------------------------------|-----------------------|----------|------|---------------|----------------|---------------------------------|-----------------------------|------------------------|--------------------|
| WO#:  |     | 34385                         |  | Employee Name:        |          |      |               |                | Matanuska Telephone Association |                             |                        |                    |
| Exch: |     | 376 - Wasilla                 |                                                                                    | Employee #:           |          |      |               |                | Relocate - Summary Report       |                             |                        |                    |
| CLLI: |     | FERN                          |                                                                                    | Expected Pickup Date: |          |      |               |                |                                 |                             |                        |                    |
| Name: |     | MSB Relocate MSB FERN ST RELO |                                                                                    |                       |          |      |               |                |                                 |                             |                        |                    |
| IM #  | Qty | Unit                          | DESCRIPTION                                                                        |                       | Comments | DEPT | Material Cost | DB Labor Hours | Replacement in Kind - Materials | Replacement in Kind - LABOR | Betterment - Materials | Betterment - LABOR |
|       |     |                               |                                                                                    |                       |          |      |               | Sub-Total      | \$66,398.45                     | \$99,446.53                 | \$3,929.15             | \$24,786.41        |
|       |     |                               |                                                                                    |                       |          |      |               |                | \$194,560.55                    |                             |                        |                    |

CONSTRUCTION COPY

W.O. OVERVIEW

MSB FERN RELO. This work order will relocate MTA Facilities in conflict with MSB Project # 35472-1817 2021 TRANSPORTATION INFRASTRUCTURE PROGRAM FERN STREET UGRADES AND PATHWAYS.

LEGEND:

|                         |         |         |
|-------------------------|---------|---------|
| CABLE PLACEMENT DEPTHS: | COPPER  | FIBER   |
| PUBLIC UTILITY EASMENT: | 36" MIN | 42" MIN |
| ROAD ROW (OUTER 5')     | 36"     | 42"     |
| ROAD CROSSINGS          | 48"     | 48"     |

|                   |  |  |
|-------------------|--|--|
| AERIAL CABLE      |  |  |
| BURIED CABLE      |  |  |
| NEW PEDESTAL      |  |  |
| EXISTING PEDESTAL |  |  |

|                            |         |         |
|----------------------------|---------|---------|
| MUNICIPALITY OF ANCHORAGE: | COPPER  | FIBER   |
| PUBLIC UTILITY EASEMENT:   | 42" MIN | 42" MIN |
| ROAD ROW (OUTER 5')        | 42"     | 42"     |
| ROAD CROSSINGS             | 48"     | 48"     |

SHEET INDEX:

SHEET 1 COVER SHEET

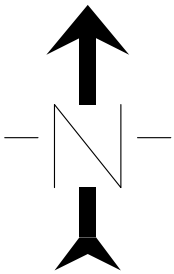
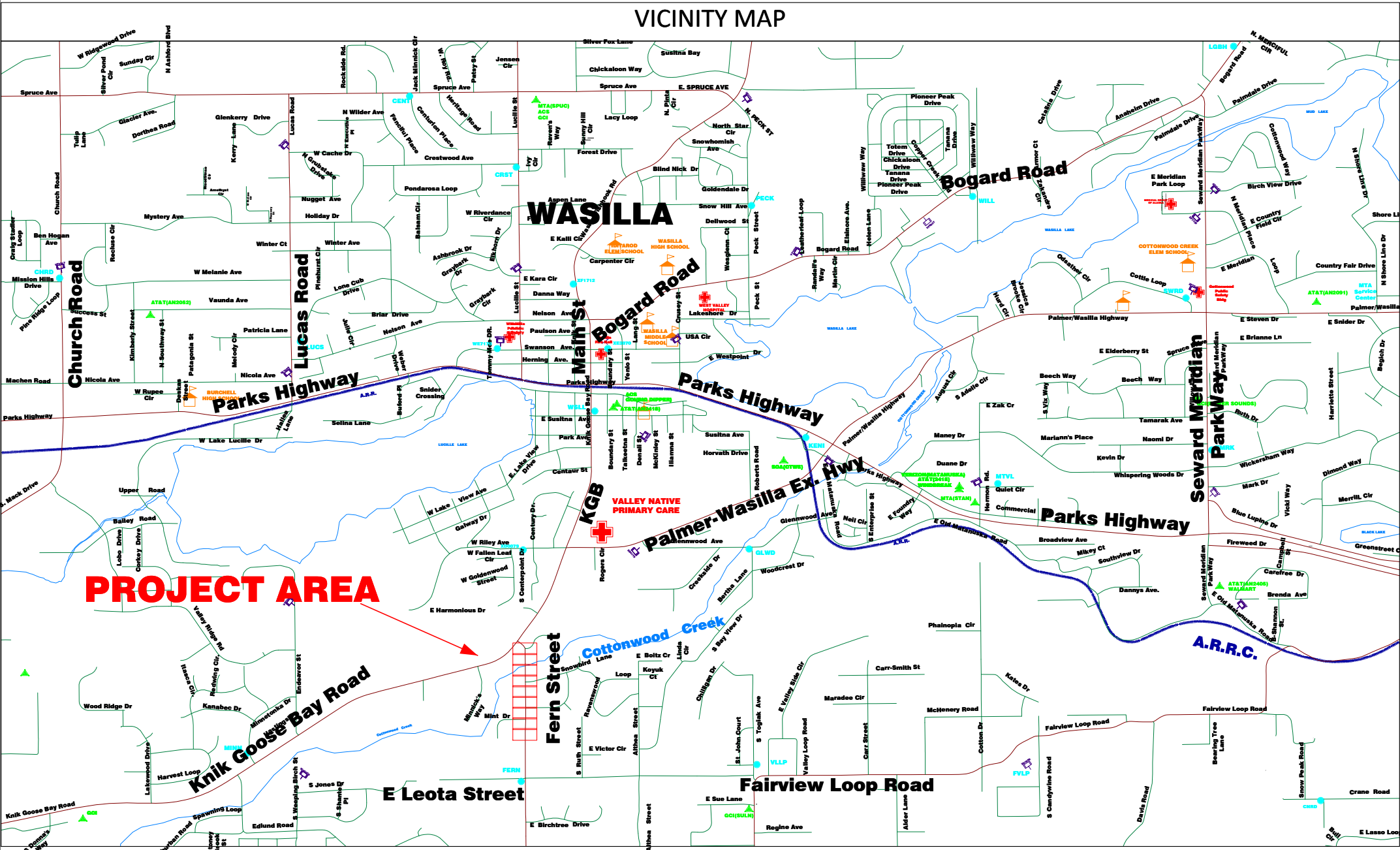
SHEET 1a INDEX SHEET

SHEET 1b BORE TYPICAL

SHEET 2 - 10 STAKING SHEETS

TOTAL PROJECT LENGTH 2,273', TRENCHED 1,676', BORED 597'  
MSB TO PROVIDE SURVERYING AND STAKING  
MSB TO PROVIDING EASEMENT CLEARING  
MSB TO PROVIDE SWPPP IF REQUIRED

VICINITY MAP



|   |                            |     |                       |
|---|----------------------------|-----|-----------------------|
| Y | CLEARING REQUIRED          | Y   | CREEK/LAKE            |
| Y | PIPE PUSH/BORE             | Y   | CUT SHEETS REQUIRED   |
| N | CONST SURVEY ONLY          | Y   | CAT REQUIRED (COPPER) |
| Y | SWAMP                      | N   | LANE CLOSURE REQUIRED |
| N | CO & HUT MDF JUMPERS CABLE |     |                       |
| Y | R.O.W. REQ REVIEW          | ALL | SHEET(S)              |

MILEPOST \_\_\_\_\_ MILEPOINT \_\_\_\_\_  
ROUTE# \_\_\_\_\_

|                                                                                                    |                      |
|----------------------------------------------------------------------------------------------------|----------------------|
| CALL BEFORE YOU DIG!!!<br>ALASKA Digline INC<br>1-800-478-3121 - (811)<br>COMPANY PROVIDED LOCATES |                      |
| GOLDEN VALLEY ELECTRIC<br>ASSOCIATION<br>CANTWELL - CLEAR:                                         | 452-1151             |
| PARKS SERVICE<br>MAINTENANCE DEPT:                                                                 | 683-2294             |
| MATANUSKA - SUSITNA<br>BOROUGH<br>PUBLIC WORKS:                                                    | 745-9802             |
| CITY OF PALMER PUBLIC<br>WORKS<br>PUBLIC WORKS:                                                    | 745-3925             |
| DOT-TRAFFIC SIGNALS<br>ER-KNIK:<br>VALLEY:                                                         | 371-7081<br>745-2102 |
| STREET LIGHTS<br>ER-KNIK:<br>VALLEY:                                                               | 338-1436<br>745-2102 |

CONSTRUCTION NOTES:

- Y CAUTION: LOCATE ALL UNDERGROUND FACILITIES IN AREA BEFORE START OF CONSTRUCTION - LOCATIONS ON PRINTS ARE APPROXIMATE. DRAWINGS ARE NOT TO SCALE. EXPOSE ALL CROSSINGS OF EXISTING BURIED FACILITIES BY HAND. USE EXTREME CAUTION WHILE WORKING AROUND HIGH VOLTAGE POWER LINES AND GAS MAINS.
- Y SIGN AND/OR FLAG WORK LOCATION WITHIN ROAD ROW WHERE VISIBILITY IS LESS THAN 500 FT. BOTH DIRECTIONS. OBSERVE ALL APPLICABLE SAFETY PROCEDURES FROM ADOT, BOROUGH, MTA, MUNICIPALITY OF ANCHORAGE AND AREA.
- Y PROJECT WILL BE STAKED - NO DEVIATIONS WILL BE PERMITTED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEERING DEPT. CONTACT ENGINEERING 48 HRS PRIOR START OF CONSTRUCTION FOR STAKES - IF REQUIRED. ALL MTA STAKING, LATH AND FLAGGING WILL BE REMOVED AT COMPLETION OF THE WORK ORDER.

- Y A COPY OF APPROPRIATE PERMITS MUST BE ON SITE DURING CONSTRUCTION.
- Y USE CAUTION WHEN DIGGING NEAR POWER POLES - SUPPORT IF NECESSARY.
- Y ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION. DO NOT DISTURB LOT PINS OR SURVEY MARKERS.
- Y ALL OPEN CUT ROAD CROSSINGS SHALL BE RECOMPACTED PER PERMIT REQUIREMENTS.

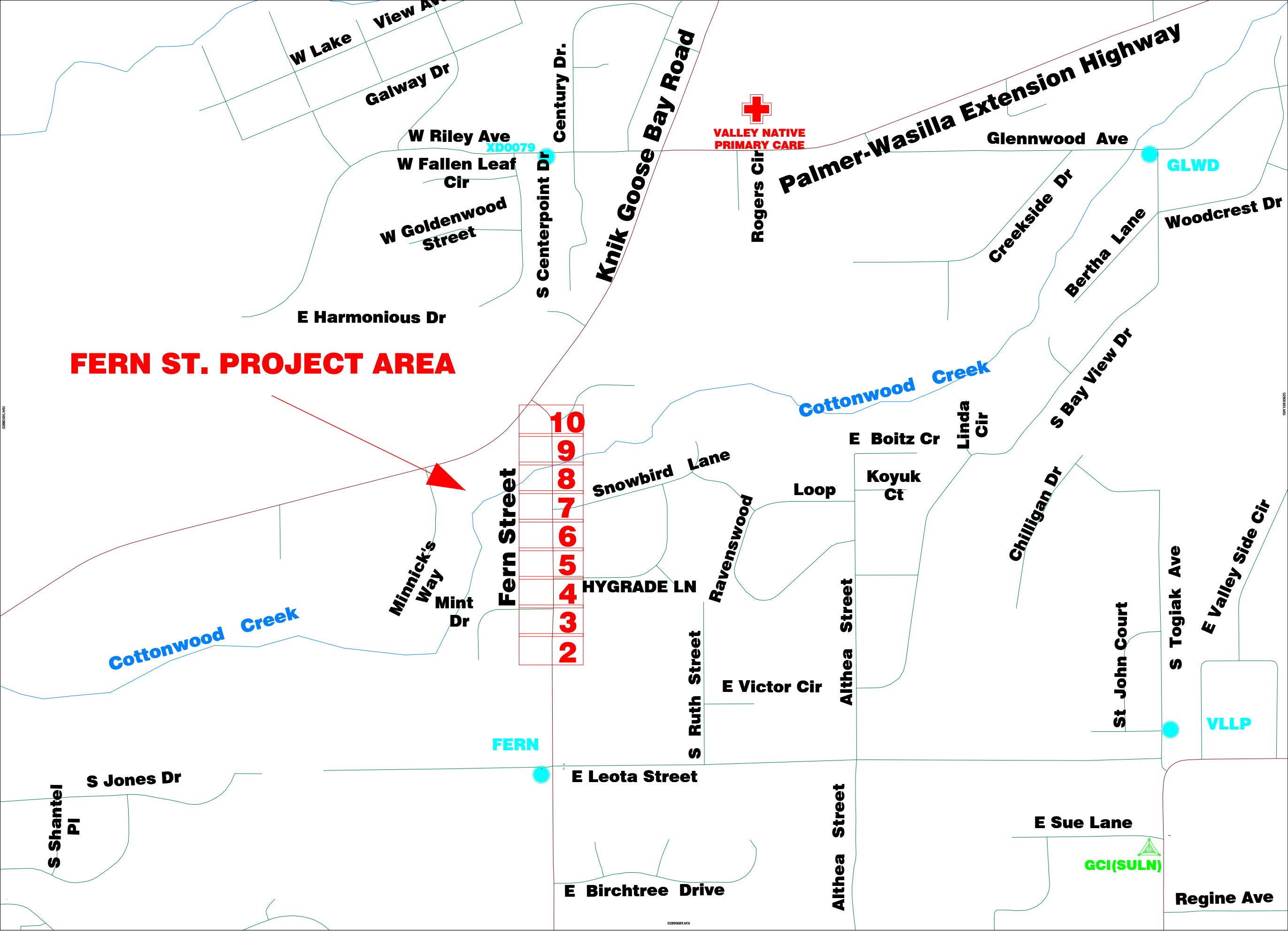
- Y THE FOLLOWING WORK WILL BE REQUIRED AT ALL INNERDUCT JOINTS: A MINIMUM 12" LENGTH OF HEAT SHRINK TUBING TO BE APPLIED EQUALLY OVER BOTH SIDES OF THE INNERDUCT COUPLING TO MAKE AN AIRTIGHT SEAL.

|   |                            |     |                       |
|---|----------------------------|-----|-----------------------|
| Y | CLEARING REQUIRED          | Y   | CREEK/LAKE            |
| Y | PIPE PUSH/BORE             | Y   | CUT SHEETS REQUIRED   |
| N | CONST SURVEY ONLY          | Y   | CAT REQUIRED (COPPER) |
| Y | SWAMP                      | N   | LANE CLOSURE REQUIRED |
| N | CO & HUT MDF JUMPERS CABLE |     |                       |
| Y | R.O.W. REQ REVIEW          | ALL | SHEET(S)              |

MILEPOST \_\_\_\_\_ MILEPOINT \_\_\_\_\_  
ROUTE# \_\_\_\_\_

|                                             |                                  |
|---------------------------------------------|----------------------------------|
| OSP E&C SUPV/FOREMAN:                       | DATE:                            |
| NETWORK PLANNER:                            | DATE:                            |
| DIRECTOR OSP ENG&CONST: <i>Cliff Burris</i> | DATE: 9/23/25                    |
| R.O.W AGENT:                                | DATE:                            |
| RELATED WO:                                 | CLI: FERN                        |
| WO#: 376-34385                              | ENG: DAVID BLEHM                 |
| DATE: 10/24/2023 12:00:00 AM                | FILE: CV_376-34385 SHEET 1 OF 10 |



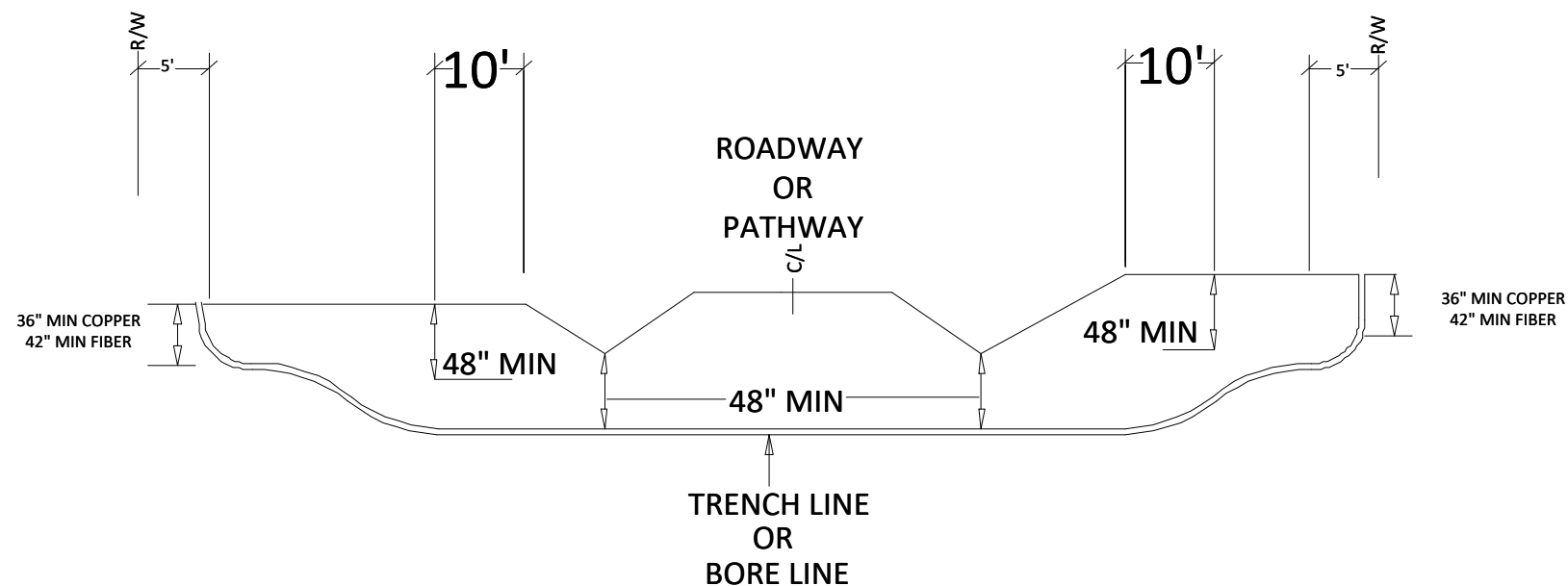


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|------------------------------------------|--------------------------|
| WO NUMBER: 376-34385                     |                          |
| ENGINEER: DAVID BLEHM                    |                          |
| CLLI:                                    | TWIN: 17N                |
| RNG: 01W                                 | SEC: 21, 22, 16          |
| GRID: NW3460                             | MSB: WA 13, WA 14, WA 12 |
| DRAFTER:                                 |                          |
| AS BUILT DATE:<br>10/24/2023 12:00:00 AM |                          |
| WO DESC.:<br>MSB FERN RELO.              |                          |
| SHEET NAME:                              |                          |
| NOTES:                                   |                          |
| Scale:                                   |                          |
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## MSB BORE DETAIL

ROADWAY &/OR PATHWAY  
FOUR FOOT MINIMUM DEPTH TO  
BE MAINTAINED WHEN CROSSING  
UNDER, OR WITHIN TEN FEET OF  
SLOPE LIMITS OF PATH AND/OR ROADWAY  
IN MSB ROW.

\*\*\*NOTE ADDITIOAL DEPTH MAY BE NOTED ON THE STAKING SHEET.



GENERAL BORING / EXCAVATION NOTES:

1. ALL CONDUIT PLACED BY BORING OR EXCAVATION MUST BE A MINIMUM OF 4 FEET BELOW THE LOWEST ROAD EXCAVATION (USUALLY THE DITCH BOTTOM) IN STRUCTURAL SECTIONS AND WITHIN TEN FEET OF SLOPE LIMITS (INCLUDING BIKE PATH SLOPES)
2. NOTED BORE/TRENCH LENGTHS ARE APPROXIMATE. ACTUAL LENGTHS MAY VARY DEPENDING ON RIG SETUP LOCATIONS

|            |
|------------|
| WO NUMBER: |
|------------|

376-34385

ENGINEER:

DAVID BLEHM

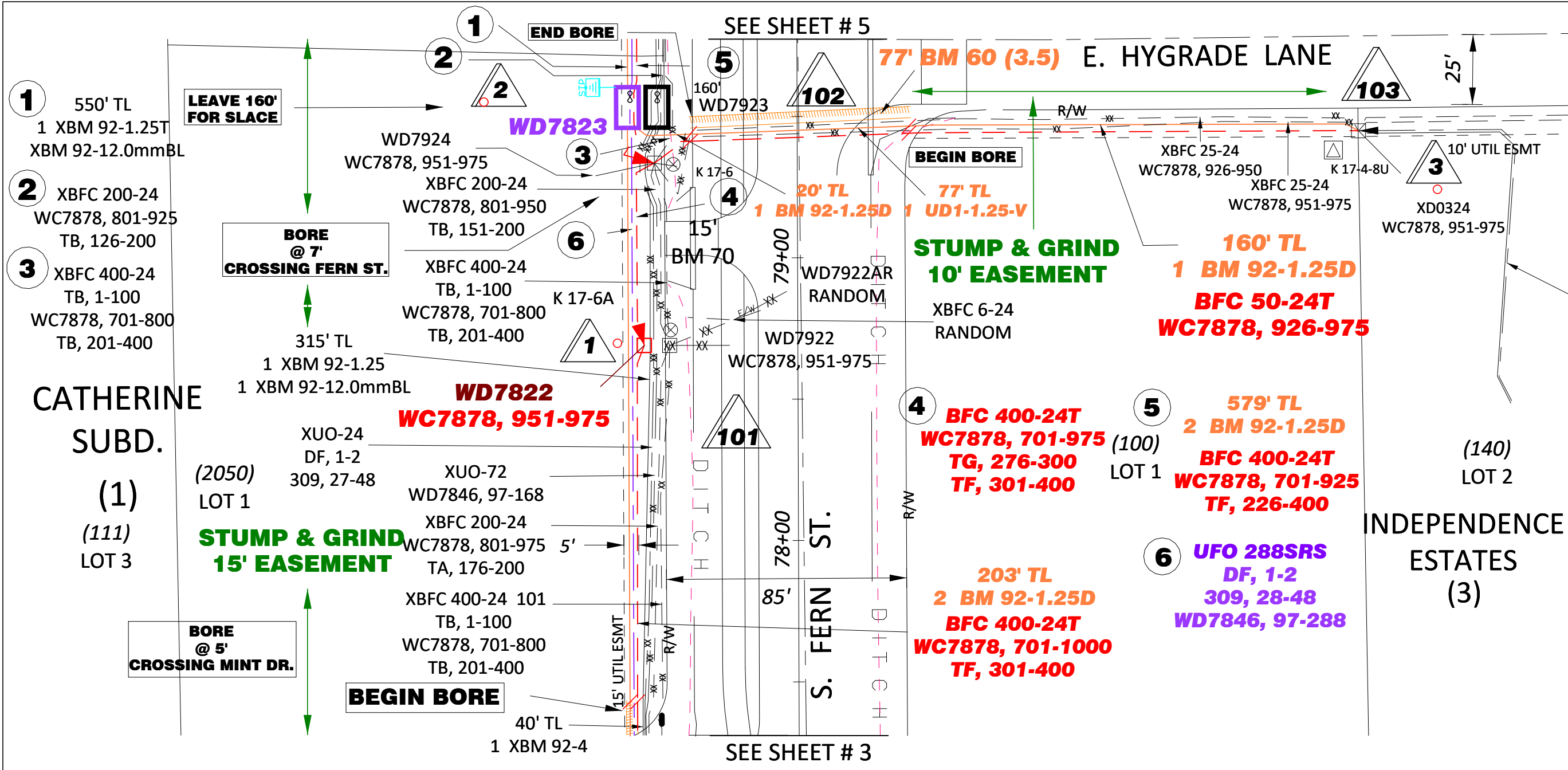
CREATION DATE:

2023-10-24

376-34385 SHEET 2 of 10







WO NUMBER:  
376-34385

ENGINEER:  
DAVID BLEHM

CSA: FERN

TWN: 17N

RNG: 01W

SEC: 21, 22, 16

GRID: NW3460

MSB or MOA: WA 13, WA 14, WA 12

CREATION DATE: 2023-10-24

NOTES:  
Scale: 1 TO 40  
**CONSTRUCTION NOTE:**  
**ROAD BORES:**  
**1). BORE CROSSING FERN ST**  
**HYGRADE LN**  
**MAINTAIN 7', JOINT BORE**  
**WITH MEA.**  
**2). BORE CROSSING MINT ST**  
**MAINTAIN 5' LOWEST**  
**POINT OF DITCH**

↑

N

↓

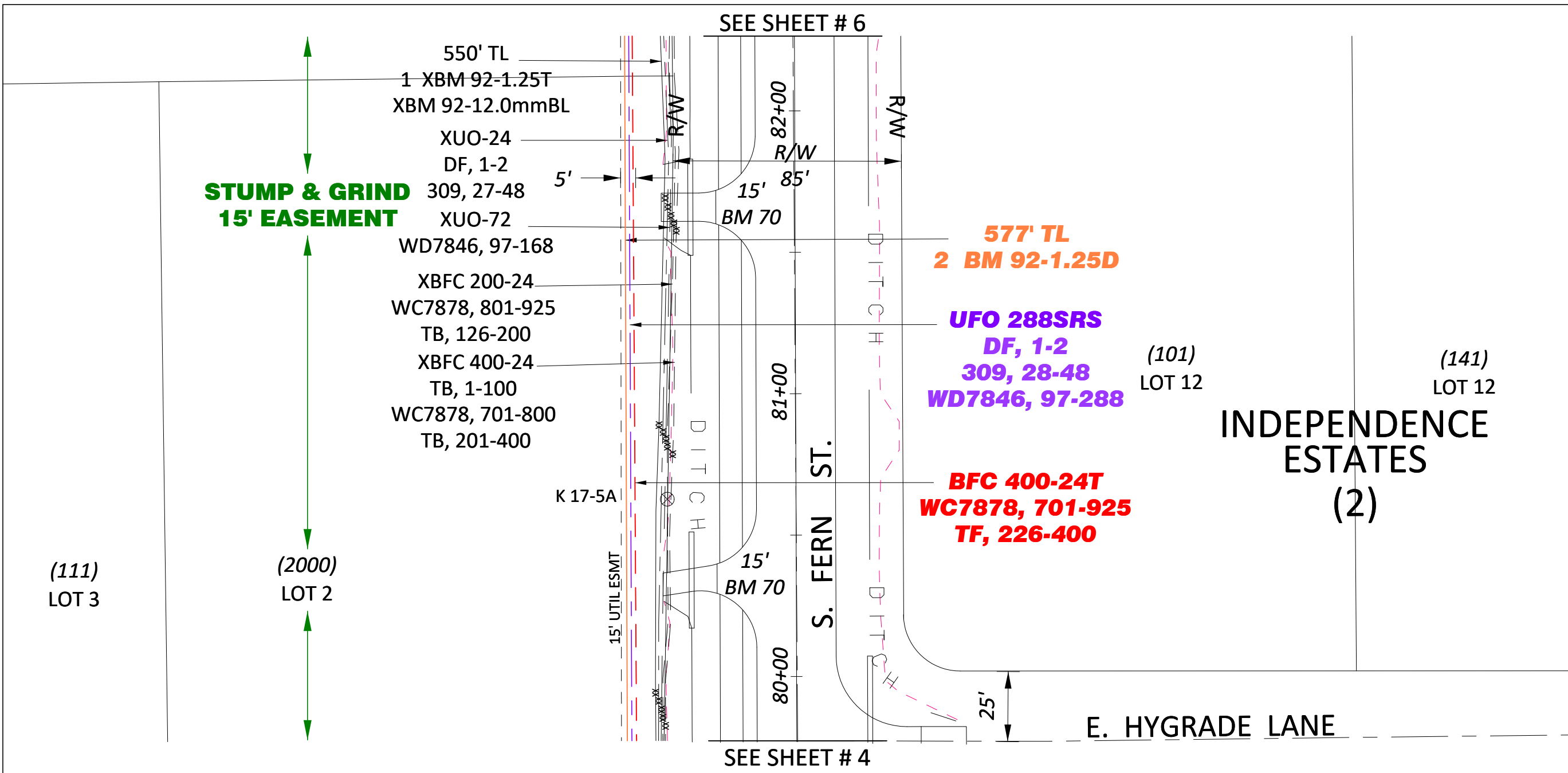
Filename:  
SS\_376-34385 SHEET 4 of 10  
Staked By: AD\blehm  
Last Saved: 8/5/2025

MTA

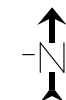
376-34385 SHEET 4 of 10

| WL  | UNIT DESC   | QUANTITY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1   | BFC 400-24T | 127'     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 1   | BFC 400-24T | 13'      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 1   | UFC 400-24  | 78'      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 101 | XBFC 200-24 | 210'     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 101 | XBFC 400-24 | 132'     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 101 | XBFC 400-24 | 75'      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 101 | XBFC 6-24   | 40'      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 102 | XBFC 400-24 | 66'      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 102 | XBFC 200-24 | 66'      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 103 | XBFC25-24   | 251'     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |

| WL  | UNIT DESC   | QUANTITY | UNIT/QTY               | UNIT/QTY            | UNIT/QTY   | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | WO NUMBER:<br>376-34385                                                                                                                                                                                                                                                    |
|-----|-------------|----------|------------------------|---------------------|------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2   | BFC 400-24T | 70'      | BM 70 15               | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | ENGINEER:<br>DAVID BLEHM                                                                                                                                                                                                                                                   |
| 3   | BFC 50-24T  | 20'      | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | CSA: FERN                                                                                                                                                                                                                                                                  |
| 3   | XBFC 25-24  | 251'     | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | TWN: 17N                                                                                                                                                                                                                                                                   |
| 3   | UFC 50-24   | 77'      | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | RNG: 01W                                                                                                                                                                                                                                                                   |
| 3   | BFC 50-24T  | 160'     | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | SEC: 21, 22, 16                                                                                                                                                                                                                                                            |
| 1   | BD-5 AH     | 1        | BA 22 1                | BM 11 1             | BM 2 5/8 1 | BM 2C 2  | 0        | 0        | 0        | 0        | 0        |          | GRID: NW3460                                                                                                                                                                                                                                                               |
| 101 | XBD         | 1        | WBFC 20                | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | MSB or MOA: WA 13, WA 14, WA 12                                                                                                                                                                                                                                            |
| 101 | XNID        | 1        | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | CREATION DATE: 2023-10-24                                                                                                                                                                                                                                                  |
| 102 | TL          | 315'     | XBM 92-1.25 325        | XBM 92-12.0mmBL 325 |            |          |          |          |          |          |          |          | NOTES:<br>Scale: 1 TO 40                                                                                                                                                                                                                                                   |
| 2   | TL          | 203'     | BM 92-1.25D 426        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 2   | BM 60 (5.3) | 78'      |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 2   | TL          | 78'      | UD1-1.25-V 176         |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 3   | TL          | 20'      | *B*<br>BM 92-1.25D 30  |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 3   | BM 60 (3.5) | 77'      |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 3   | TL          | 77'      | *B*<br>UD1-1.25-V 87   |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 3   | TL          | 160'     | *B*<br>BM 92-1.25D 170 |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
| 1   | WHC-3       | 25       | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 2   | WHC-3       | 25       | WBD C 1                | WBFC 25             | BM 2C 3    | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 3   | WHC-3       | 50       | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 1   | BM 30-(25)  | 1        | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 101 | XBM 30      | 1        | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 101 | XNID        | 1        | 0                      | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 102 | ZBH         | 1        | WBM 92 ( ) 10          | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          |                                                                                                                                                                                                                                                                            |
| 2   | BHF-2 KIT   | 1        | BM 40SIP - KIT 1       | 0                   | 0          | 0        | 0        | 0        | 0        | 0        | 0        |          | <div>↑<br/>N<br/>↓</div> <div><div><div>Filename:<br/>SS_376-34385 SHEET 4 of 10_TEMP<br/>Staked By: AD\dalehm<br/>Last Saved: 9/19/2025</div></div></div> <div>MTA</div> <div></div> |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                                            |
|     |             |          |                        |                     |            |          |          |          |          |          |          |          | 376-34385 SHEET 4 of 10_TEMP                                                                                                                                                                                                                                               |

[illegible]

|                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WO NUMBER:<br>376-34385                                                                                                                                                              |
| ENGINEER:<br>DAVID BLEHM                                                                                                                                                             |
| CSA: FERN                                                                                                                                                                            |
| TWN: 17N                                                                                                                                                                             |
| RNG: 01W                                                                                                                                                                             |
| SEC: 21, 22, 16                                                                                                                                                                      |
| GRID: NW3460                                                                                                                                                                         |
| MSB or MOA: WA 13, WA 14, WA 12                                                                                                                                                      |
| CREATION DATE: 2023-10-24                                                                                                                                                            |
| NOTES:<br>Scale: 1 TO 40                                                                                                                                                             |
| <p><b>CONSTRUCTION NOTE:</b></p> <p>1). TRENCHING ONLY, NO WORK LOCATIONS THIS SHEET.</p> <p>2). MAINTAIN TRENCH IN THE BACK 5' OF THE 15' EASEMENT ON THE WEST SIDE OF FERN ST.</p> |



Filename: SS\_376-34385 SHEET 5 E of 10  
Staked By: AD\bblehm  
Last Saved: 8/6/2025

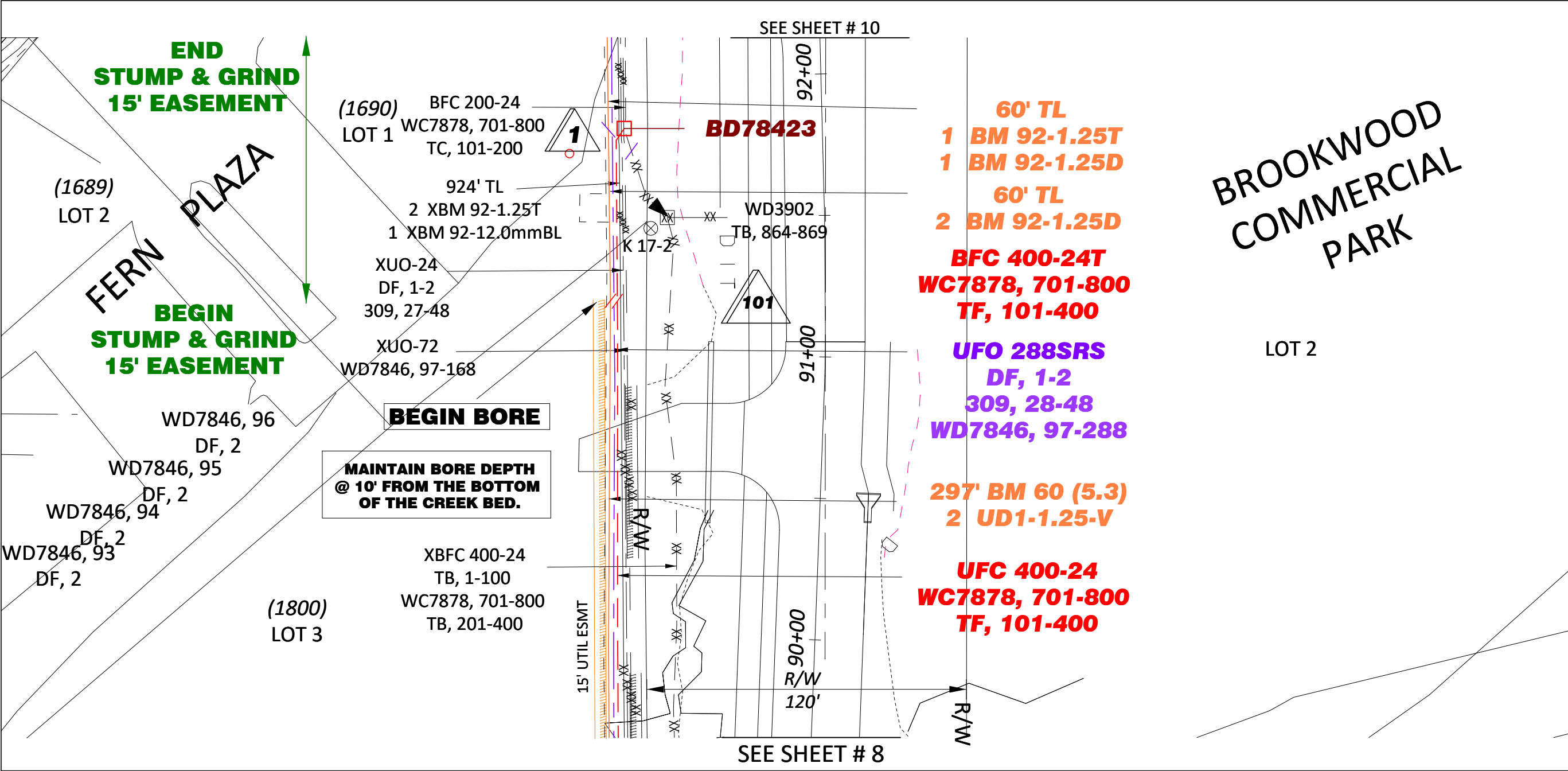
The MTA logo, consisting of the letters "MTA" in a bold, sans-serif font, with a stylized, swooping graphic element that loops around the letters.





| WL  | UNIT DESC  | QUANTITY | UNIT/QTY          | UNIT/QTY            | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | WO NUMBER:<br>376-34385                                                               |
|-----|------------|----------|-------------------|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------------------------------------------------------------------------------------|
| 1   | TL         | 579'     | BM 92-1.25-D 1178 |                     |          |          |          |          |          |          |          |          | ENGINEER:<br>DAVID BLEHM                                                              |
| 103 | TL         | 266'     | XBM 92-1.25T 560  | XBM 92-12.0mmBL 276 |          |          |          |          |          |          |          |          | CSA: FERN                                                                             |
| 2   | TL         | 11"      | BM 92-1.25T 21    |                     |          |          |          |          |          |          |          |          | TWN: 17N                                                                              |
| 2   | TL         | 105'     | UD1-1.25T 115     |                     |          |          |          |          |          |          |          |          | RNG: 01W                                                                              |
| 2   | TL         | 143'     | BM 92-1.25T 153   |                     | 0        | 0        | 0        | 0        | 0        | 0        |          |          | SEC: 21, 22, 16                                                                       |
| 2   | WHC-3      | 25       | BM 2C 1           | WBFC 5              | 0        | 0        | 0        | 0        | 0        | 0        |          |          | GRID: NW3460                                                                          |
| 1   | WHC-3      | 25       | 0                 | 0                   | 0        | 0        | 0        | 0        | 0        | 0        |          |          | MSB or MOA: WA 13, WA 14, WA 12                                                       |
| 1   | BM 30-(25) | 1        | 0                 | 0                   | 0        | 0        | 0        | 0        | 0        | 0        |          |          | CREATION DATE: 2023-10-24                                                             |
| 101 | XBM 30     | 143'     | 0                 | 0                   |          |          |          |          |          |          |          |          | NOTES:<br>Scale: 1 TO 40                                                              |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          | MTA                                                                                   |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |  |
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|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          |                                                                                       |
|     |            |          |                   |                     |          |          |          |          |          |          |          |          | 376-34385 SHEET 7a of 10                                                              |





WO NUMBER:  
376-34385

ENGINEER:  
DAVID BLEHM

CSA:     FERN

TWN:    17N

RNG:    01W

SEC:     21, 22, 16

GRID:    NW3460

MSB or MOA: WA 13, WA 14, WA 12

CREATION DATE: 2023-10-24

NOTES:  
Scale: 1 TO       40

CONSTRUCTION NOTE:

1). MAINTAIN TRENCH IN THE BACK 5' OF THE 15' EASEMENT ON THE WEST SIDE OF FERN ST.

ROAD BORES:

2). COTTONWOOD CREEK: MAINTAIN BORE DEPTH OF 10' FROM THE BOTTOM OF THE CREEK BED.

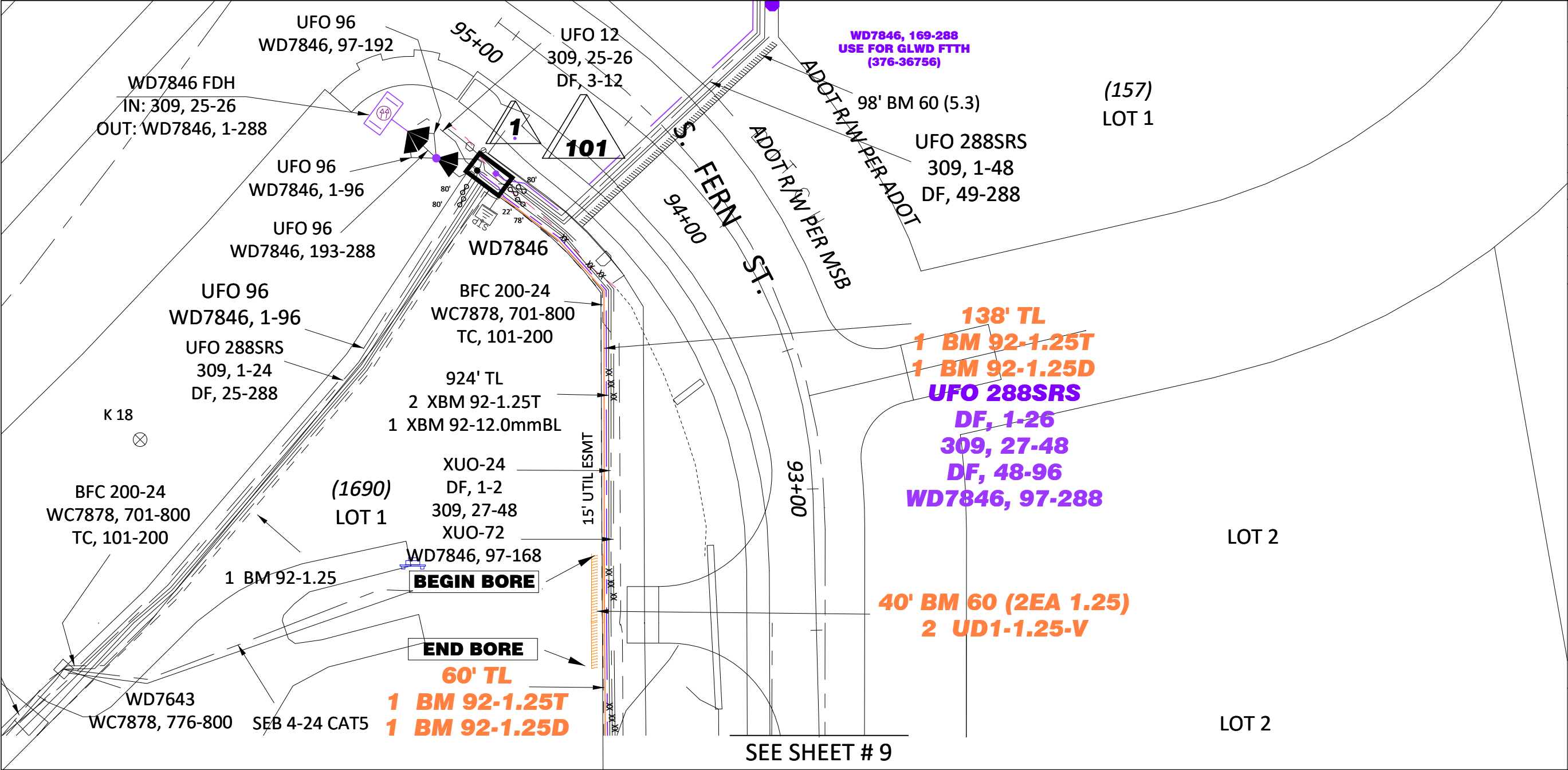
Filename:  
SS\_376-34385 SHEET 9 of 10  
Staked By:     AD\blehm  
Last Saved:    8/7/2025

MTA

376-34385 SHEET 9 of 10

| WL  | UNIT DESC   | QUANTITY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY   | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|
| 1   | BFC 400-24  | 294'     | 0        | 0        | 0        | 0        | 0          | 0        | 0        | 0        |          |          |
| 1   | UFC 400-24  | 297'     | 0        | 0        | 0        | 0        | 0          | 0        | 0        | 0        |          |          |
| 101 | XBFC 400-24 | 404'     |          |          |          |          |            |          | 0        |          |          |          |
| 102 | BFC 200-24T | 36'      |          |          |          |          |            |          | 0        | 0        |          |          |
| 1   | BD-5 AH     | 1        | WBFC 20  | HC-3 200 | BA 22 1  | BM 11 1  | BM 2 5/8 1 | BM 2C 1  | 0        | 0        |          |          |
| 101 | XBD         | 1        | XBA 1    |          |          |          |            |          |          | 0        |          |          |
| 1   | BM 30-(25)  | 1        | 0        | 0        | 0        | 0        | 0          | 0        |          |          |          |          |
| 1   | WHC-3       | 400      |          |          | 0        | 0        | 0          | 0        |          |          |          |          |
| 101 | XBM 30      | 1        |          |          |          |          |            |          |          |          |          |          |
|     |             |          |          |          |          |          |            |          |          |          |          |          |

AM 25-127



|                |                     |
|----------------|---------------------|
| WO NUMBER:     | 376-34385           |
| ENGINEER:      | DAVID BLEHM         |
| CSA:           | FERN                |
| TWN:           | 17N                 |
| RNG:           | 01W                 |
| SEC:           | 21, 22, 16          |
| GRID:          | NW3460              |
| MSB or MOA:    | WA 13, WA 14, WA 12 |
| CREATION DATE: | 2023-10-24          |

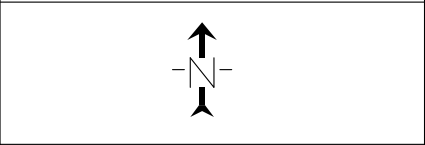
NOTES:  
Scale: 1 TO 40

**CONSTRUCTION NOTE:**

**1). MAINTAIN TRENCH IN THE BACK 5' OF THE 15' EASEMENT ON THE WEST SIDE OF FERN ST.**

**ROAD BORE:**

**2). BORE CROSSING DRIVEWAY TO COFFEE SHOP, HIGH TRAFFIC AREA.**



| WL  | UNIT DESC        | QUANTITY | UNIT/QTY          | UNIT/QTY             | UNIT/QTY   | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|------------------|----------|-------------------|----------------------|------------|----------|----------|----------|----------|----------|----------|----------|
| 1   | UFO 288SRS       | 2740'    |                   |                      |            |          |          |          |          |          |          |          |
| 101 | XUO-24           | 2247'    | XUO-72 2746'      |                      |            |          |          |          |          |          |          |          |
| 1   | BM 60 (2EA 1.25) | 40'      | UD1-1.25-V 100'   |                      |            |          |          |          |          |          |          |          |
| 1   | BM 60 (5.3)      | 297'     | UD1-1.25-V 614'   |                      |            |          |          |          |          |          |          |          |
| 1   | TL               | 60'      | BM 92-1.25D 140   |                      |            |          |          |          |          |          |          |          |
| 1   | TL               | 60'      | BM 92-1.25T 70'   | BM 92-1.25D 70'      |            |          |          |          |          |          |          |          |
| 1   | TL               | 271'     | BM 92-1.25D 562'  |                      |            |          |          |          |          |          |          |          |
| 1   | TL               | 138'     | BM 92-1.25T 148'  | BM 92-1.25D 148'     |            |          |          |          |          |          |          |          |
| 101 | TL               | 924'     | XBM 92-1.25T 924' | XBM 92-12.0mmBL 924' |            |          |          |          |          |          |          |          |
| 1   | WHUO             | 1        | WHO-1 12          | HO-1 84              | LBR SPL FO |          |          |          |          |          |          |          |

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