

CHUGACH ELECTRIC ASSOCIATION, INC.  
Anchorage Alaska

September 23, 2024

TO: Brad Jackson, Manager Distribution Design  
Jake Moe, Engineering Supervisor

FROM: Lehman, ROW Agent I *Lorraine A. Lehman*

SUBJECT: Head of the Bay Whittier Line Extension Project  
U. S. Survey 9008, Lot 1 and US Survey 8726  
Grid W002, T08N, R04E, SM, Alaska  
W.O. E2214130/RW-E2214130, GD E002, Map Book 0804-15D

Attached is the permit needed for the construction of the above work order.

**DOT & PF Utility Permit 1-132320-23-253**  
**Amendment #2 Expires 10/1/2025**  
**WINTER CONSTRUCTION REQUIREMENTS**

A copy of this permit must be on the job site at all times during construction.

After construction is completed, fill in the following information and return to Land Services.

1) Date of construction: \_\_\_\_\_

2) Contractor: \_\_\_\_\_

3) Crew Foreman: \_\_\_\_\_

4) If pavement cut: \_\_\_\_\_

a) Date pavement patched: \_\_\_\_\_

b) Pavement patch contractor: \_\_\_\_\_

5) Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

-----  
\*\*\*For Land Services Use Only\*\*\*

Date returned: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



THE STATE  
of **ALASKA**  
GOVERNOR MIKE DUNLEAVY

Department of Transportation and  
Public Facilities

CENTRAL REGION  
DESIGN & ENGINEERING SERVICES  
TRAFFIC, SAFETY & UTILITIES

PO Box 196900  
Anchorage, AK 99519-6900  
Phone: 907 269-0644  
Toll Free: 800 770-5263  
TDD: 907 269-0473  
TTY: 800 770-8973  
Fax: 907 269-0654  
Website: dot.state.ak.us

9/6/2024

RE: **Permit No.:** 1-132320-23-253  
**Work Order No.:** E2214130  
**Amendment No.:** 2  
**Road Name:** Camp Road

Lorraine Lehman  
Chugach Electric Association, Inc  
P.O. Box 196300  
Anchorage, Alaska 99519-6300

Dear Ms. Lehman,

The Department of Transportation & Public Facilities (Department) has reviewed, and approves, Chugach Electric Association, Inc's request to amend the above referenced permit as follows:

- Special Provision 2.2, is hereby replaced with:

*Complete construction of the FACILITY covered under this Utility Permit by 10/1/2025.*

- The Special Provisions below are hereby incorporated:

**14.0 WINTER CONSTRUCTION/FROZEN GROUND REQUIREMENTS**

*Defined terms can be found in Appendix C of the Alaska Construction General Permit (ACGP).*

- 14.1 The PERMITTEE shall backfill all trenches, bore pits, and other excavations with clean, non-organic, thawed, and compactable material meeting the requirements of Select Material, Type C, as defined in the latest edition of the DEPARTMENT's Standard Specifications for Highway Construction. Existing material is acceptable as backfill provided it is thawed, drained, and meets the requirements of Select Material, Type C.

The PERMITTEE shall remove material not suitable for use as backfill from the site, as determined by the DEPARTMENT. The PERMITTEE shall replace unsuitable backfill material with imported material meeting the requirements of

*"Keep Alaska Moving through service and infrastructure."*

Select Material, Type C.

All backfill shall be compacted to existing undisturbed soil densities or better and graded to blend with the existing ground surface. All costs associated with the removal of unusable material and placement of import material is the responsibility of the PERMITTEE.

- 14.2 Stabilize all areas disturbed by the work covered under this Utility Permit in accordance with ACGP Part 4.5 prior to the anticipated date of *fall freeze-up*, according to the *SWPPP* and ACGP Part 4.12.

Exceptions to stabilization prior to anticipated date of *fall freeze-up* include:

1. Where temporary stabilization activities are precluded by snow cover or *frozen ground* conditions prior to the anticipated date of *fall freeze-up*, stabilization measures must be initiated as soon as practicable following the actual *spring thaw*.
  2. When winter construction activities are authorized by the Regional Utilities Engineer and conducted in accordance with this Utility Permit.
- 14.3 The PERMITTEE is responsible for special erosion control requirements for all ground disturbing activities (including less than 1 acre of disturbance) as required and recommended by the APDES permit, including additional seasonal best management practices measures, maintenance during winter shutdown until final stabilization is achieved. The PERMITTEE shall follow similar practices to those included in the latest edition of the DEPARTMENT's Standard Specifications for Highway Construction and typical project practices for erosion and sediment control.
- 14.4 The PERMITTEE shall perform weekly inspections of the work site throughout the *spring thaw*, and monitor/maintain all control measures, good housekeeping measures, and other protective measures.
- 14.5 Import material and/or regrade areas of settlement to blend with the surrounding grade after the *spring thaw*.

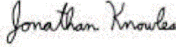
After the *spring thaw* the PERMITTEE shall re-vegetate and achieve *final stabilization* for any/all areas disturbed by the permit work.

The permit amendment fee is as follows:

|    |               |                                |
|----|---------------|--------------------------------|
| \$ | 600.00        | Amendment Fee                  |
| \$ | 0.00          | Linear Footage Fee (\$1.00/LF) |
|    |               | <hr/>                          |
| \$ | <b>600.00</b> | <b>Total</b>                   |

Attach a copy of this letter and the associated drawings to the above referenced utility permit. All other terms and conditions of the permit remain unchanged. If you have any questions or require additional information, please contact Michael Mancill at (907) 269-0642.

Sincerely,

DocuSigned by:  
  
F232A35652C0426...

Jon Knowles, P.E.  
Regional Utilities Engineer  
Traffic, Safety & Utilities

Attachments: None

cc: Michael Mancill, DOT&PF, Utility Lead  
Cynthia Coughlin, CEA, Manager of Land Services  
1-132320-23-253 Permit File



THE STATE  
of ALASKA  
GOVERNOR MIKE DUNLEAVY

Department of Transportation and  
Public Facilities

CENTRAL REGION  
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Fax: 907 269-0654  
Website: dot.state.ak.us

5/10/2024

RE: **Permit No.:** 1-132320-23-253  
**Work Order No.:** E2214130  
**Amendment No.:** 1  
**Road Name:** Camp Road

Lorraine Lehman  
Chugach Electric Association, Inc  
P.O. Box 196300  
Anchorage, Alaska 99519-6300

Dear Ms. Lehman,

The Department of Transportation & Public Facilities (Department) has reviewed, and approves, Chugach Electric Association, Inc's request to amend the above referenced permit as follows:

- Capture the existing 3-Phase 1/0 Concentric cable and associated 2x4-inch PVC ducts that cross Camp Road, and direct them into a new pull pad near the base of Pole 3398. This work will eliminate the need to take an outage on the entire city of Whittier.
- Reinstall 2 TPX from Pole 3817 to Pole 3398.
- Special Provision 2.2, is hereby replaced with the following:

*All work covered under this Utility Permit must be performed between **April 15th** and **October 1st**. At the end of each construction season all areas disturbed by the work covered under this Utility Permit must be cleaned, graded, and stabilized, and all surfaces, traffic markings, signage, and drainage for non-detoured roadways/pathways must be temporarily (if work extends across multiple construction seasons) or permanently restored to a condition that allows traffic to flow in conformance with the normal traffic pattern. All work covered by this Utility Permit must be completed no later than **10/1/2024**.*

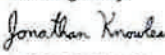
The permit amendment fee is as follows:

|    |               |                                |
|----|---------------|--------------------------------|
| \$ | 600.00        | Amendment Fee                  |
| \$ | 0.00          | Linear Footage Fee (\$1.00/LF) |
| \$ | <b>600.00</b> | <b>Total</b>                   |

Attach a copy of this letter and the associated drawings to the above referenced utility permit. All other terms and conditions of the permit remain unchanged. If you have any questions or require additional information, please contact Michael Mancill at (907) 269-0642.

*"Keep Alaska Moving through service and infrastructure."*

Sincerely,

DocuSigned by:  
  
F232A35652C0426...

Jon Knowles, P.E.  
Regional Utilities Engineer  
Traffic, Safety & Utilities

Attachments: Revised Data Sheet & Revised Design Drawings (Dated 5/9/2024)  
cc: Michael Mancill, DOT&PF, Utility Lead  
Karen Keesecker, CEA, Manager of Land Services  
1-132320-23-253 Permit File

## ELECTRICAL AND COMMUNICATIONS FACILITIES

### OVERHEAD FACILITY

Number of Circuits: 2

Voltage and Phase: 24.9kV, 3Phase & 120/208V, 1phase

Conductor Type and Size: 1/0 ACSR & #2 TPX

Structure Type: New Wood Poles

Crossing Angle: Varies Length: \_\_\_\_\_

Minimum Vertical Clearance: 30'

Longitudinal Facility Length: 80.5'

Offset from Highway Right-of-Way: Varies Offset from Highway Centerline: Varies

Offset from Edge of Pavement: Varies

### UNDERGROUND FACILITY

Number of Conductors (Cables): 3

Voltage and Phase: 24.9kV, 3Phase

Conductor (Cable Type and Size): 1/0 CONC

Number & Size of Conduits: 4" PVC (2)

Size and Type of Encasement: Pull Box 7' x 7'

Crossing Angle: N/A Length: 20'

Depth Below Road Surface (Min. 48"): 48"

Depth of Ditch Prism Placement (Min. 48"): 48"

Depth 10 Feet Outside Slope Limits (Min. 36"): 48"

Method(s) of Crossing Installation: ☐ Boring ☐ Jacking ☐ Open Cut

Longitudinal Facility Length: N/A

Offset from Highway Right-of-Way: 90.5' Offset from Highway Centerline: 70'

Offset from Edge of Pavement: 21'

Method(s) of Longitudinal Installation: ☒ Trenching ☐ Plowing ☐ Boring ☐ Jacking

**Construction Code(s) Applicable:** DOT&PF Standard Specifications for Highway Construction

**ADDITIONAL INFORMATION:** In conformance with Code NESC

\_\_\_\_\_

\_\_\_\_\_

STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

UTILITY PERMIT  
(Major)

**Camp Road**  
**W.O. No.: E2214130**

Approval

Recommended: \_\_\_\_\_

DocuSigned by:  
*John Phillips*  
967F62A15CFD4D4...

Date: 12/11/2023Title: Regional Permit OfficerRegion: Central

THE STATE OF ALASKA, acting by and through the DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES, hereinafter called the DEPARTMENT, grants a Utility Permit to **CEA - Chugach Electric Association, Inc** hereinafter called the PERMITTEE, to construct, install and thereafter perform routine maintenance, use and operate a(n) **Aerial 24.9kV Electrical Line** hereinafter called the FACILITY, located as follows: **on the north side of Camp Road, west of the Head of the Bay Access Road approach**

**M.P.: 0.2040**

across, along or under property of the DEPARTMENT, acquired and utilized in the operation and maintenance of a State Transportation System, at the aforementioned locations and/or positions, and in strict conformance with plans, specification and special provisions attached hereto and made a part hereof, and not otherwise.

A. In accepting this Utility Permit for the FACILITY, the PERMITTEE agrees to comply with the provisions of AS 02.15.102, AS 02.15.106, AS 19.25.010, AS 19.25.200, AS 35.10.210, and AS 35.10.230; the terms, requirements and regulations as set forth in 17 AAC 15 as authorized under Administrative Procedures Act, AS 44.62.010 -- 44.62.650 and the applicable policies, directives and orders issued by the Commissioner of the DEPARTMENT.

B. The entire cost of routine maintenance operations of the FACILITY are to be paid for by the PERMITTEE, and said FACILITY shall comply with all applicable codes.

C. The PERMITTEE's construction, installation and maintenance operations of the FACILITY shall be accomplished with minimum interference and interruption of the use, operation and maintenance of the DEPARTMENT's right-of-way and/or public facility; or as hereinafter provided in the DEPARTMENT's Special Provisions, attached hereto and made a part hereof, and shall at all times in no way endanger the general public in its use of the public property. Day-to-day operational control of work activities authorized by this PERMIT are the responsibility of the PERMITTEE subject to the terms of the PERMIT.

D. The DEPARTMENT, in granting this Utility Permit, reserves the right to use, occupy and enjoy its property for a public transportation system and for public transportation purposes in such a manner and at such times as it deems necessary, the same as if this instrument had not been executed by the DEPARTMENT. If any such use by the DEPARTMENT shall at any time necessitate any change in location of said FACILITY, or any part thereof, such change or alteration shall be made by the PERMITTEE according to the terms of one of the two clauses set out below as identified by a check mark before the applicable clause.



- \_\_\_\_\_ (1) The PERMITTEE will be reimbursed in full by the DEPARTMENT for all costs incurred in making such changes or alterations to the FACILITY that qualify under the provisions of AS 02.15.104(c), AS 19.25.020(c), or AS 35.10.220(c).
- X**   (2) The PERMITTEE shall promptly remove or relocate said FACILITY at no cost to the DEPARTMENT in accordance with the provisions of AS 02.15.104(c)(4) or (5), AS 19.25.020(c)(4) or (5), or AS 35.10.220(c)(4) or (5).

E. On public property being utilized for right-of-way on highways originally established as, or converted to, controlled access highways, ingress and egress thereto for maintenance and operation of the FACILITY is limited to the locations as designated by the DEPARTMENT. However, the DEPARTMENT may allow the PERMITTEE ingress and egress whenever such is necessary to effect repairs and maintenance of the FACILITY and when no other access is available. If the DEPARTMENT determines such access is in conflict with the use of the controlled access highway, the FACILITY will be relocated.

F. The State of Alaska and the DEPARTMENT for the purpose of this Utility Permit, hereby disclaim any representation or implication to the PERMITTEE that the DEPARTMENT has any title in any property other than the interest conveyed to the DEPARTMENT for specific purposes as described by the instrument conveying the land to the DEPARTMENT.

G. The PERMITTEE by these presents accepts notice and agrees that any expenses or damages incurred by the PERMITTEE through the abandonment, removal, reconstruction or alteration of any public facility, or incurred by said PERMITTEE as a result of this disclaimer shall be borne by said PERMITTEE at no expense whatsoever to the DEPARTMENT or the State of Alaska.

H. The waiver or breach of any of the terms or conditions of this Utility Permit or provisions of the Administrative Code, by the DEPARTMENT shall be limited to the act or acts constituting such breach, and shall never be construed as being continuing or a permanent waiver of any such term or condition, unless expressly agreed to in writing by the parties hereto, all of which shall remain in full force and affect as to future acts or happenings, notwithstanding any such individual waiver or any breach thereof.

I. Only the Commissioner of the DEPARTMENT or his delegate shall have the authority to waive any term or condition herein contained.

J. The PERMITTEE shall not assign or transfer any of the rights authorized by this Utility Permit except upon notification to and approval by the DEPARTMENT.

K. The PERMITTEE agrees to comply with all regulations concerning present and future use of the public property acquired, or reimbursed by Federal-aid funds.

L. The PERMITTEE shall give the DEPARTMENT not less than ten (10) days prior written notice, unless otherwise agreed to by the parties hereto, of the PERMITTEE's intention to enter upon the DEPARTMENT's property for the purpose of major maintenance, reconstruction, altering or removal of the FACILITY, provided, however, that normal routine maintenance is expected from this provision, and provided further, that in any instance of sudden emergency requiring prompt and immediate action to protect the public safety, or to mitigate damage to private or public property, no prior notification to the DEPARTMENT will be required. The PERMITTEE shall notify the DEPARTMENT and Alaska State Troopers, of the location of the emergency and extent of work required by the most expeditious means of communication as soon as reasonably possible to do so, and the PERMITTEE shall take such measures as are required to protect the health and safety of the traveling public or public facility users for the duration of such emergency operations.

M. The PERMITTEE shall indemnify and hold harmless the State of Alaska and the DEPARTMENT, or either of them, from all liability for damage to property, or injury to or death of persons, arising wholly or in part from any action taken by the PERMITTEE in relation to the PERMITTEE's FACILITIES on DEPARTMENT right-of-way or other permitted locations. (17 AAC 15.061)

N. The PERMITTEE is subject to all previous easements and Utility Permits and any damage to any other utility will be the PERMITTEE's responsibility.

O. The PERMITTEE agrees to be responsible for the compliance with all applicable Federal, State, and local laws, regulations, codes and ordinances.

P. The PERMITTEE agrees to be responsible for obtaining all other appropriate permits or letters of non-objection needed from Federal, State and local agencies, or conflicting lessees, property owners, or utilities.

Q. The PERMITTEE may be required, within thirty (30) days after completion of any improvement placed upon or in the premises herein, deliver to the DEPARTMENT as-built drawings showing the location and construction specifications of said improvement.

R. This Utility Permit is issued under the provisions of applicable Alaska Statutes and Administrative Code effective as of the date of execution of this instrument by the DEPARTMENT.

S. The PERMITTEE agrees that the FACILITY will be constructed in accordance with the following attached documents. The PERMITTEE affirms that it is solely responsible for the content of the attached documents. Issuance Approval of this Permit does not imply the DEPARTMENT's approval of the attached documents. In the event of any conflict between the attached documents and the Permit, the Permit language shall control.

1. Plans dated 10/26/2023, consisting of 5 page(s);
2. Specifications dated \_\_\_\_\_, consisting of \_\_\_\_\_ page(s); and
3. \_\_\_\_\_

which, by this reference, are made a part hereof, and in accordance with the applicable codes pertaining to the FACILITY, and not otherwise, unless prior written authorization is obtained from the DEPARTMENT to do so.

T. The PERMITTEE agrees to reimburse the DEPARTMENT for actual costs of inspection and testing as required during the performance of the work proposed by the PERMITTEE. The scope of inspection and testing shall be determined by the Regional Utilities Engineer. The costs billed to the PERMITTEE will be the actual DEPARTMENT's costs incurred while performing the inspection and testing.

U. The PERMITTEE agrees by entering on the DEPARTMENT's property to indemnify the DEPARTMENT and its contractors of all costs tangible or intangible that would be the result of any delay in a construction project of the DEPARTMENT caused by work done under this permit.

V. The PERMITTEE agrees to reimburse the DEPARTMENT for the length of the FACILITY to be installed in excess of 200 feet (as indicated on the attached plans referred to in paragraph "S" above) which is calculated to be 0 linear feet at \$1.00 per foot = **\$0.00**, (but not to exceed \$10,000.00) payable at the time the permit is executed by the DEPARTMENT, unless arrangements have been made for the PERMITTEE to be billed on a monthly basis.

**ELECTRICAL AND COMMUNICATIONS FACILITIES****OVERHEAD FACILITY**Number of Circuits: **1**Voltage and Phase: **24.9kV, 3 Phase**Conductor Type and Size: **1/0 ACSR**Structure Type: **Existing Wood Poles**Crossing Angle: **Varies**

Length:

Vertical Clearance (Min. 20ft): **30ft**Longitudinal Facility Length: **80.5ft**

Facility Offset from:

Highway Right-of-Way: **Varies**Highway Centerline: **Varies**Edge of Pavement: **Varies****UNDERGROUND FACILITY**

Number of Conductors (Cables):

Voltage and Phase:

Conductor (Cable Type and Size):

Number &amp; Size of Conduits:

Size and Type of Encasement:

Crossing Angle:

Length:

Depth Below Road Surface (Min. 48"):

Depth of Ditch Prism Placement (Min. 48"):

Depth 10 feet Outside Slope Limits (Min. 36"):

Method(s) of Crossing Installation:

Longitudinal Facility Length:

Facility Offset from:

Highway Right-of-Way:

Highway Centerline:

Edge of Pavement:

Method(s) of Longitudinal Installation:

**Construction Code(s) Applicable: DOT&PF Standard Specifications for Highway Construction (2020 Edition)****ADDITIONAL INFORMATION:**

## **SPECIAL PROVISIONS**

**THE PERMITTEE PROMISES TO COMPLY WITH THESE SPECIAL PROVISIONS BY SIGNATURE ON THE PERMIT. IT IS THE PERMITTEE'S RESPONSIBILITY TO FAMILIARIZE ITS' EMPLOYEES, AGENTS, AND/OR CONTRACTORS WITH THESE PROVISIONS, AND INSIST ON STRICT COMPLIANCE.**

### **1.0 GENERAL AND ADMINISTRATION**

- 1.1 The PERMITTEE shall have a copy of this permit at the work site at all times.
- 1.2 The permit, together with these Special Provisions, shall take precedence over any additional plans exhibits, attachments, and/or schedules should discrepancies appear.
- 1.3 All contact between the DEPARTMENT and the PERMITTEE's Contractor shall be through a representative of the PERMITTEE. If the PERMITTEE chooses to perform the work with other than its own forces, a representative of the utility shall be present at all times unless otherwise agreed to by the DEPARTMENT. Failure to comply with this provision is grounds for restricting any further work by the PERMITTEE in the DEPARTMENT's right-of-way.
- 1.4 Any rights granted by this permit may not be assigned or transferred to another entity without prior written approval from the DEPARTMENT. If the utility is sold to another utility or merges with another utility, the new utility shall inform the DEPARTMENT in writing within thirty (30) days after the date of transaction.
- 1.5 Any request for waiver or exception of Special Provision(s), or any request for change in location, alignment, or construction method, shall be submitted in writing to the Regional Engineer.
- 1.6 This permit will expire if construction or installation of the FACILITY has not started within one year after the date of approval, unless the PERMITTEE obtains an extension of time in writing from the DEPARTMENT.
- 1.7 The PERMITTEE agrees to provide design locates, at no cost to the DEPARTMENT, upon request. If a utility locate service is not available, reference markers shall be installed and maintained at both ends of underground highway crossings, and at angle points in the alignment of the underground FACILITY. Where utilities are attached to a bridge, the PERMITTEE will attach a plate on the conduit at each abutment describing the content of the pipe or conductor, and the name and phone number of the owning utility.
- 1.8 The Regional Utilities Engineer may assign an inspector or inspectors in order to ensure compliance with the provisions of this utility permit. The inspector has the authority to suspend all work in the event of noncompliance.
- 1.9 The PERMITTEE, on behalf of itself and its contractors, officers, officials, employees, and agents, shall indemnify, hold harmless, and defend at its sole cost and expense, the DEPARTMENT, its contractors, officers, officials, employees, and agents from any and all fines, costs, claims, damages, liquidated damages, judgments, or civil penalties assessed by the DEPARTMENT of Environmental Conservation pursuant to AS 46.03.760(E), arising wholly or in part from any action taken by the PERMITTEE in relation to the PERMITTEE's FACILITIES on DEPARTMENT right-of-way or other permitted locations. This indemnification provision is in addition to and shall be construed as consistent with General Provision M.

## **2.0 COORDINATION**

- 2.1 The PERMITTEE shall notify the DEPARTMENT's Regional Utility Permit Officer ten (10) days prior to beginning work on the FACILITY:

**Central Region**  
(907) 269-0644  
(907) 269-0654 (fax)  
cr.utilitypermits@alaska.gov

- 2.2 The PERMITTEE agrees to complete the FACILITY under this permit by **12/31/2023**.
- 2.3 The PERMITTEE agrees to replace, in-kind, any and all asphalt/concrete disturbed by work allowed under this permit and shall schedule work to coincide with the availability of the aforementioned materials.
- 2.4 The PERMITTEE shall coordinate all work on the FACILITY with the DEPARTMENT's District Maintenance Superintendent, **Sean Montgomery**, phone number **(907) 262-2199**.
- 2.5 The PERMITTEE agrees to coordinate work on the FACILITY with other projects, both public and private, that may occur within the project limits covered by this permit. The PERMITTEE agrees not to interfere or hinder the work being performed by other contractors.

## **3.0 ENVIRONMENTAL**

- 3.1 If the PERMITTEE, its Contractor, or Agent discovers environmental contamination in the right-of-way while constructing the FACILITY, they shall immediately stop work and notify the DEPARTMENT's Regional Utility Engineer.
- 3.2 The PERMITTEE is not responsible for the cost of investigation, cleanup, or disposal of any contaminated soils it discovers during work on the FACILITY within the DEPARTMENT's right-of-way, **unless:**
- A. The PERMITTEE, its Contractor, or Agent fails to immediately notify the DEPARTMENT of the contamination, or;
  - B. The contamination is attributed to the PERMITTEE's FACILITY, or actions of the PERMITTEE, its Contractors, or Agents.
- 3.3 If the PERMITTEE, its Contractor, or Agent discovers a cultural, historic, or archeological resource while constructing the FACILITY, they shall stop work immediately and contact the State Historic Preservation Office at (907) 269-8721.
- 3.4 The PERMITTEE shall not hold the DEPARTMENT responsible for any delay, redesign, rerouting, or additional cost due to encountering environmental contamination, or cultural, historic, or archeological resources.
- ## **4.0 NOTIFICATIONS**
- 4.1 The PERMITTEE is responsible for notifying businesses and residents that front the project of scheduled road and driveway closures, or any work that may affect them. Property owners shall receive the notices a minimum of one (1) week prior to commencement of the work. Notices shall include a contact name and number of a representative of the PERMITTEE.

## 5.0 TRAFFIC CONTROL

- 5.1 The PERMITTEE shall apply for a Lane Closure Permit (LCP) from the DEPARTMENT a minimum of twenty (20) working days before beginning any construction, including maintenance. The application for LCP shall include a Traffic Control Plan, detailing the traffic control devices required and their placement.

To submit an on-line application:

[www.dot.state.ak.us/permits/index.shtml](http://www.dot.state.ak.us/permits/index.shtml)

To submit an application in person contact:

Central Region  
(Anchorage Area)  
(907) 269-0700  
1-800-770-5263  
(907) 269-0828 (fax)

- 5.2 The PERMITTEE shall obtain a Lane Closure Permit (LCP) from the DEPARTMENT for work within **thirty feet (30')** of the traveled way. The application for LCP shall include a Traffic Control Plan, detailing the traffic control devices required and their placement.
- 5.3 The PERMITTEE is fully responsible for the costs of all traffic control, including, but not limited to, permit fees, traffic control plan designs, traffic control devices, flagging operations, detours, and/or pilot car operation.
- 5.4 The PERMITTEE shall provide traffic control devices, conforming to the latest addition of the Manual on Uniform Traffic Control Devices published by the U.S. Department of Transportation and Alaska Traffic Manual Supplement while constructing the FACILITY, or thereafter performing routine maintenance.
- 5.5 All traffic control devices required by Lane Closure Permit, including signs, barricade, and flagmen, shall be in place prior to beginning work within the right-of-way.
- 5.6 The PERMITTEE shall remove or cover all temporary traffic control devices as soon as practical when they are no longer needed or when work on the FACILITY is suspended for short periods of time.
- 5.7 The PERMITTEE's construction and maintenance activities on the FACILITY shall not affect the normal vehicular or pedestrian traffic, or other normal use patterns, without an approved Lane Closure Permit.
- 5.8 The PERMITTEE shall not park vehicles, equipment, or store materials on road or pathway surfaces at any time, unless specifically allowed by Lane Closure Permit.
- 5.9 The PERMITTEE shall not store equipment or materials within **thirty feet (30')** of the edge of travel way when not in use, or when work on the FACILITY is not in progress.
- 5.10 The PERMITTEE agrees to maintain a proper detour for affected pathways, and be responsible for all liability caused by the Detour.
- 5.11 The PERMITTEE shall provide for the duration of construction adequate signing, barricades, and traffic control devices for the pathways.

- 5.12 The PERMITTEE or the PERMITTEE's contractor shall designate a Traffic Safety Supervisor who shall be responsible for the maintenance of traffic operations on a 24-hour basis. This individual shall have received formal work zone traffic control training or have had three years previous experience in supervising maintenance and protection of traffic through road construction work zones. The DEPARTMENT must be supplied with the name of this individual along with written verification of his/her credentials as well as a 24-hour telephone number where he/she can be reached.
- 5.13 The PERMITTEE shall provide and maintain safe routes for pedestrians and bicyclists through or around traffic control zones at all times.
- 5.14 The PERMITTEE shall stop equipment and vehicles at all points of intersection with the traveling public unless an approved Traffic Control Plan shows otherwise.
- 5.15 All illumination and signalization shall remain operational during the construction of the FACILITY.

## **6.0 EXCAVATION AND BACKFILL**

- 6.1 The PERMITTEE shall backfill and compact all trenches within road prisms and pathways in 6-inch lifts or as accepted by the DEPARTMENT's inspector. 6-inch lifts are required if no inspector is present. The backfill shall be of suitable non-frost susceptible, non-organic material (0-6% passing No. 200 sieve). All excavated non-acceptable material shall be removed from the State right-of-way or property by the PERMITTEE.

- 6.2 The road prism is defined to include the finished roadway surface and underlying structural layers out to, and including, any unpaved shoulders, curbs, and attached pathways.

The PERMITTEE shall backfill the vertical extent of the roadway prism with structural backfill to a limit defined by extending a one and one-half horizontal to one vertical (1-1/2:1) slope from the roadway prism limit (shoulder of the road or back of path as applicable) down to where the slope intercepts the bottom of the excavation. Backfill the remaining trench outside the prism with materials meeting the requirements of selected material, Type C, as defined by the latest edition of the Standard Specifications for Highway Construction.

- 6.3 The PERMITTEE shall compact all trenches within or crossing road prisms and pathways at a minimum of 95% of the optimum density. All compaction tests shall be at the PERMITTEE's expense. The DEPARTMENT's inspector shall determine the testing frequency. A copy of each test will be submitted to the DEPARTMENT.

- 6.4 The PERMITTEE shall backfill all trenches, bore pits, and other excavations located outside road and pathway prisms with clean, non-organic, and compactable material meeting the requirements of Select Material, Type C, as defined in the DEPARTMENT's Standard Specifications for Highway Construction. Existing material is acceptable as backfill provided it meets the requirements of Select Material, Type C.

The PERMITTEE shall remove material not suitable for use as backfill from the site, as determined by the DEPARTMENT. The PERMITTEE shall replace unsuitable backfill material with imported material meeting the requirements of Select Material, Type C.

All backfill shall be compacted to existing undisturbed soil densities or better, and graded to blend with the existing ground surface. All costs associated with the removal of unusable material and placement of import material is the responsibility of the PERMITTEE.



- 6.5 The PERMITTEE shall place the underground FACILITY a minimum of 48-inches below the surface when in the State's road prism.
- 6.6 The PERMITTEE shall place the underground FACILITY a minimum of 48-inches below the bottom of the ditch, when in the ditch prism.
- 6.7 The PERMITTEE shall place the FACILITY a minimum of 36-inches below original ground when 10 feet outside the slope limits.
- 6.8 recompact any disruption made when plowing/trenching the FACILITY across an unpaved road.
- 6.9 The PERMITTEE shall provide lateral trench and bore pit support as necessary.
- 6.10 The PERMITTEE shall place buried caution tape one foot directly above the FACILITY being installed when trenching or plowing.

## **7.0 PAVEMENT REPLACEMENT AND TRAFFIC MARKINGS**

- 7.1 Pavement shall not be affected by the work covered under this Permit.

## **8.0 DRAINAGE**

- 8.1 The PERMITTEE shall be responsible for assuring that all water entering the DEPARTMENT's storm drain facility meets the minimum criteria for water quality standards as set forth in the Alaska Administrative Code (18 AAC 70.010-70.110).
- 8.2 The PERMITTEE shall maintain existing drainage patterns during construction of the FACILITY and restoration of the right-of-way unless otherwise agreed to by the DEPARTMENT.
- 8.3 The PERMITTEE shall notify the DEPARTMENT of drainage problems caused by the work under this Permit and will remedy the problem as directed by the DEPARTMENT.
- 8.4 The PERMITTEE shall replace all culverts damaged by work under this Permit with a C.M.P. of the same size, or 18-inch, whichever is greater. Culverts that are found undersized or damaged shall be cleaned of debris or replaced at the PERMITTEE's expense.

## **9.0 RIGHT-OF-WAY PROTECTION, MAINTENANCE, AND RESTORATION**

- 9.1 The PERMITTEE shall cleanup within one day behind installation of the FACILITY. The PERMITTEE will not be allowed to trench or plow more than can be cleaned up the following day.
- 9.2 The PERMITTEE or their contractor shall immediately repair any damage of existing utilities, storm drainage or other highway structures caused as a result of construction authorized by this permit.
- 9.3 Heavy tracked equipment operation will not be permitted on a paved roadway or shoulder, unless approved in writing by the Regional Utilities Engineer. If approved, planking or rubber tires shall be utilized between the vehicle tracks and the pavement. The PERMITTEE shall repair damage to the pavement as a result of equipment operation as directed by the DEPARTMENT.
- 9.4 The PERMITTEE or his contractor will be responsible for winter and spring maintenance of the road shoulders, ditch lines, backslopes, road surfaces, taxiways, and runways that have not been left in a neat and clean condition, satisfactory to the DEPARTMENT's Maintenance & Operations Section.



- 9.5 The PERMITTEE shall dispose of trees, brush or other natural growth by mechanical chipping (6" x 4" x 1" maximum resultant size) or hauling away. Stumps and grubbing piles shall be loaded and hauled to a disposal site outside the DEPARTMENT's right-of-way. Trees left for the public shall be limbed and stacked in a location where loading does not interfere with the safe operation of the travel way.
- 9.6 Any Survey monument or monument accessory that will be disturbed or destroyed during construction of the FACILITY shall be referenced prior to beginning work, and restored or replaced by a Registered Land Surveyor licensed in accordance with AS 34.65.040. All monument records shall be reviewed by the DEPARTMENT prior to filing with the District Recorder.
- 9.7 Highway signs that are in conflict with construction shall be relocated on a temporary basis and reinstalled at the original location as soon as possible. Signs that are damaged during construction shall be replaced in kind to the DEPARTMENT's standards, and at no cost to the DEPARTMENT.
- 9.8 The PERMITTEE shall replace all driveway/street/sidewalk/pathway intersections in kind.
- 9.9 The PERMITTEE shall replace all sidewalks, curbs, and gutters to an existing undisturbed joint.
- 9.10 The PERMITTEE shall provide street sweeping to keep free of loose material all paved portions of the roadway and haul routes open to the public, including sections of roadway off the project where your operations have deposited loose material. Use a street sweeper that can collect materials rather than eject them on the shoulder of the road.
- 9.11 Upon completion of the work within the State right-of-way or State property, the PERMITTEE shall remove all equipment, dispose of all waste material and shall leave the premises in a neat and clean condition satisfactory to the DEPARTMENT.
- 9.12 The PERMITTEE shall obtain locates for any existing traffic signals, traffic interconnect cables, street light facilities, or FAA cables prior to construction. Damages shall be repaired and restored to working order within eight hours at the PERMITTEE's expense. Any splice must be located within a Type II Junction Box or as directed by the DEPARTMENT.
- 9.13 Guardrail that is removed or damaged during construction shall be replaced in accordance with Section 606 AKDOT&PF Standard Specifications dated 2004, and Standard Details G-04.10W, G-04.10S, G-00.02, G-10.01.

## **10.0 TOPSOIL AND SEEDING**

- 10.1 The PERMITTEE shall replace and restore all vegetation disturbed. Unless otherwise required, re-vegetation shall consist of establishing seeded grassed slopes over the disturbed ground. The PERMITTEE shall use all means necessary to maintain and protect the disturbed slopes from erosion until such time as the vegetation is established.
- 10.2 The PERMITTEE shall replace any topsoil lost as a result of construction under this permit.
- 10.3 The PERMITTEE shall re-grade all areas disturbed by work under this permit to blend with the existing ground surface and re-seed after completing backfill of the FACILITY.

- 10.4 If re-seeding is not complete by August 15<sup>th</sup>, then re-shaping of all disturbed areas shall be completed by July 1<sup>st</sup> of the following year. The PERMITTEE is responsible for all erosion control measures and cleaning of ditches and culverts.
- 10.5 The PERMITTEE shall re-seed as per *A Revegetation Manual for Alaska* printed by the Division of Agriculture, Plant Materials Center.

#### **11.0 OVERHEAD FACILITIES**

- 11.1 New and relocated aerial facilities shall maintain a minimum vertical clearance of twenty feet (20') in all locations within the right-of-way. (17 AAC 15.201)
- 11.2 The PERMITTEE shall install guy guards on all down guys installed within the right-of-way.
- 11.3 The PERMITTEE shall remove all overhead lines and/or structures abandoned as the result of this Permit.
- 11.4 Guy/Anchor attachment shall not be located within **thirty feet (30')** of the traveled way.

#### **12.0 EROSION SEDIMENT CONTROL**

- 12.1 The PERMITTEE shall comply with all regulations set forth by the Alaska Construction General Permit (ACGP) and/or Municipal Storm Sewer Sanitation System (MS4).
- 12.2 The PERMITTEE and its contractors shall act as co-PERMITTEES in developing and implementing the Storm Water Pollution Prevention Plan (SWPPP) when the PERMITTEE contracts work to other companies.
- 12.3 Utility permit projects requiring coverage under the ACGP shall submit all required information to the governing agency in accordance with ACGP section 2.0, 'Authorization under this General Permit'.
- 12.4 SWPPP must be site specific and demonstrate how the PERMITTEE intends to comply with the requirements of ACGP.
- 12.5 The PERMITTEE shall be responsible for all erosion control prior to slopes becoming stabilized.
- 12.6 The PERMITTEE is responsible for installing and maintaining BMPs required by the APDES permit throughout the duration of the project.
- 12.7 Provide an Alaska Certified Erosion and Sediment Control Lead (AK-CESCL) trained person, with the authority to direct all activities by the SWPPP, APDES permit or other permit conditions, during all construction and maintenance activities authorized by this permit that involve ground disturbing activities. Provide proof of current AK-CESCL certification upon request.

#### **13.0 WINTER CONSTRUCTION/FROZEN GROUND REQUIREMENTS**

*Defined terms can be found in Appendix C of the Alaska Construction General Permit (ACGP).*

- 13.1 During *frozen ground* conditions, no excavation work, including bore pits, shall be performed within 15-feet of the roadway surface. Any/all proposed open cut roadway crossings shall be bored unless approved by the Regional Utilities Engineer.

- 13.2 The PERMITTEE shall backfill all trenches, bore pits, and other excavations with clean, non-organic, thawed, and compactable material meeting the requirements of Select Material, Type C, as defined in the latest edition of the DEPARTMENT's Standard Specifications for Highway Construction. Existing material is acceptable as backfill provided it is thawed, drained, and meets the requirements of Select Material, Type C.

The PERMITTEE shall remove material not suitable for use as backfill from the site, as determined by the DEPARTMENT. The PERMITTEE shall replace unsuitable backfill material with imported material meeting the requirements of Select Material, Type C.

All backfill shall be compacted to existing undisturbed soil densities or better and graded to blend with the existing ground surface. All costs associated with the removal of unusable material and placement of import material is the responsibility of the PERMITTEE.

- 13.3 Stabilize all areas disturbed by the work covered under this Utility Permit in accordance with ACGP Part 4.5 prior to the anticipated date of *fall freeze-up*, according to the *SWPPP* and ACGP Part 4.12.

Exceptions to stabilization prior to anticipated date of *fall freeze-up* include:

1. Where temporary stabilization activities are precluded by snow cover or *frozen ground* conditions prior to the anticipated date of *fall freeze-up*, stabilization measures must be initiated as soon as practicable following the actual *spring thaw*.
2. When winter construction activities are authorized by the Regional Utilities Engineer and conducted in accordance with this Utility Permit.

- 13.4 The PERMITTEE is responsible for special erosion control requirements for all ground disturbing activities (including less than 1 acre of disturbance) as required and recommended by the APDES permit, including additional seasonal best management practices measures, maintenance during winter shutdown until final stabilization is achieved. The PERMITTEE shall follow similar practices to those included in the latest edition of the DEPARTMENT's Standard Specifications for Highway Construction and typical project practices for erosion and sediment control.

- 13.5 The PERMITTEE shall perform weekly inspections of the work site throughout the *spring thaw*, and monitor/maintain all control measures, good housekeeping measures, and other protective measures.

- 13.6 Import material and/or regrade areas of settlement to blend with the surrounding grade after the *spring thaw*.

- 13.7 After the *spring thaw* the PERMITTEE shall re-vegetate and achieve *final stabilization* for any/all areas disturbed by the permit work.

In consideration of the benefits accruing to the PERMITTEE by reasons of the foregoing agreement, this permit is hereby accepted by the PERMITTEE and the PERMITTEE hereby agrees to comply with all of the terms, provisions, conditions and stipulations therein contained.

The State of Alaska, acting by and through its DEPARTMENT of Transportation and Public Facilities has caused this Utility Permit to be executed on:

Dated this 6<sup>th</sup> day of DECEMBER, 2023

Dated this \_\_\_\_\_ day of 12/11/2023, \_\_\_\_\_

\*\*\*\*\*

\*\*\*\*\*

THE COMPANY OR PERMITTEE

CHUGACH ELECTRIC ASSOC. INC.

Name of Company

STATE OF ALASKA

DEPARTMENT OF TRANSPORTATION  
AND PUBLIC FACILITIES

CENTRAL REGION

By: Karen Keesed

By: \_\_\_\_\_

DocuSigned by:

Jonathan Knowles

F232A35652C0426...

Title: MANAGER, LAND SERVICES

Title: Utilities Engineer

Attest: Stephen L Howe

Title: ROW Agent 1

\*\*\*\*\*

\*\*\*\*\*

ACKNOWLEDGEMENT OF COMPANY OR PERMITTEE

STATE OF ALASKA  
3RD JUDICIAL DISTRICT

BE IT REMEMBERED that on this 6<sup>th</sup> day of DECEMBER, 2023, before me, the undersigned, a Notary Public of the State of Alaska, personally appeared

KAREN KEESECKER

STEPHEN HOWE

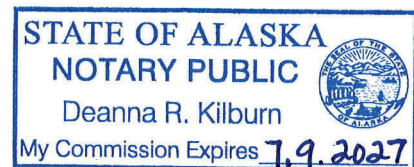
and both to me personally known and known to me to be the identical individuals named in and who executed the foregoing permit, and acknowledged the said instrument to be the free and voluntary act and deed of the above named company for the uses and purposes therein expressed and on oath stated that they were authorized to execute said instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of my Office the day and year first above written.

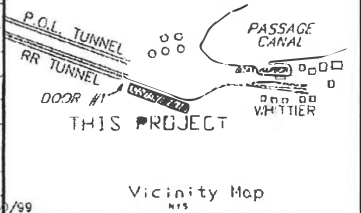
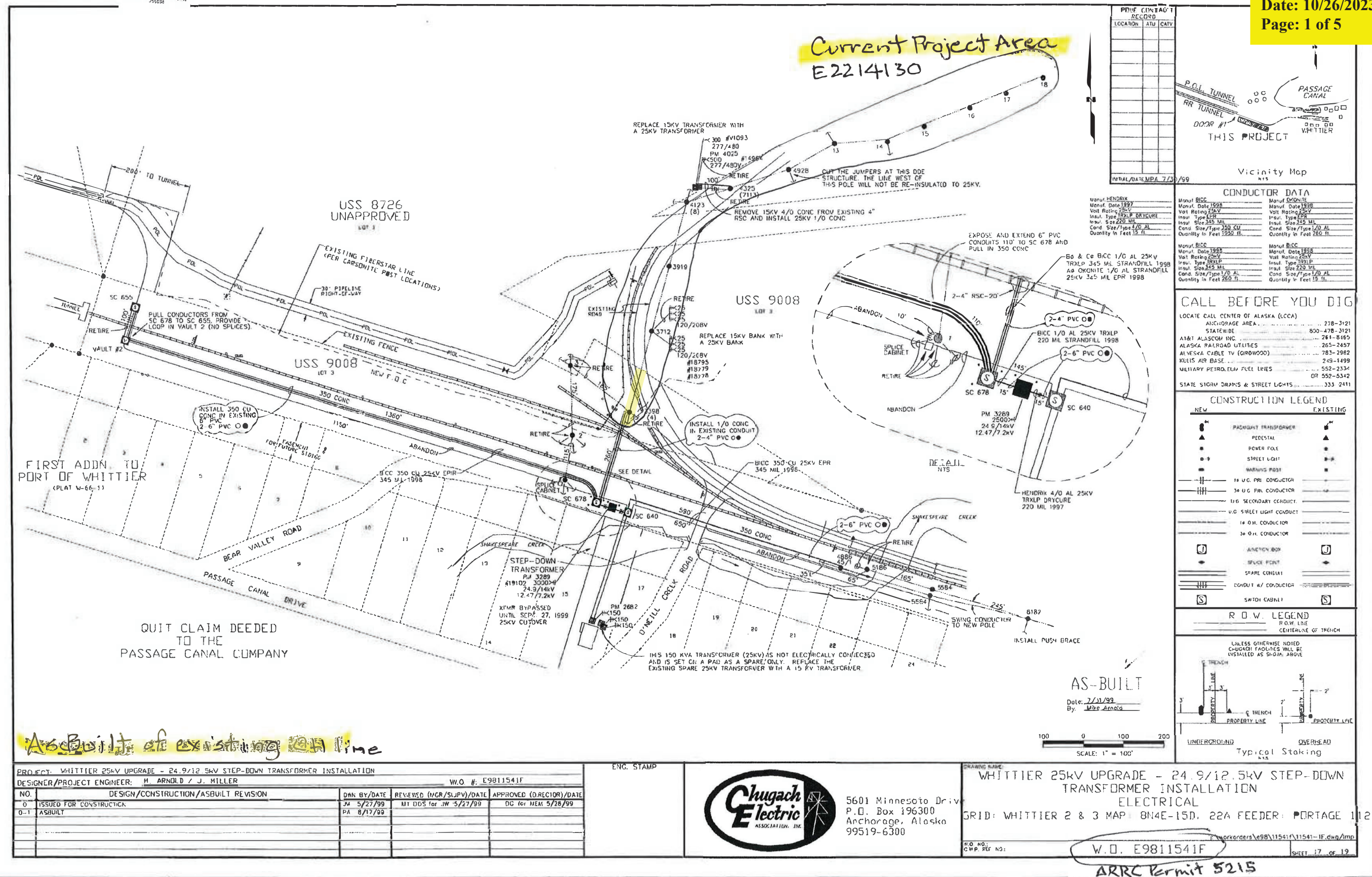
My Commission Expires: July 7, 2027

Deanna R Kilburn

A Notary Public







| CONDUCTOR DATA         |                        |                        |
|------------------------|------------------------|------------------------|
| Manuf. BICC            | Manuf. Date 1998       | Manuf. Date 1998       |
| Vol. Rating 25kV       | Vol. Rating 25kV       | Vol. Rating 25kV       |
| Insul. Type EPR        | Insul. Type EPR        | Insul. Type EPR        |
| Insul. Size 345 MIL    | Insul. Size 345 MIL    | Insul. Size 345 MIL    |
| Cond. Size/Type 4/0 AL | Cond. Size/Type 4/0 AL | Cond. Size/Type 4/0 AL |
| Quantity in Feet 15 ft | Quantity in Feet 15 ft | Quantity in Feet 15 ft |

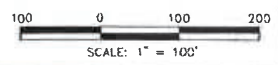
| CALL BEFORE YOU DIG                 |              |
|-------------------------------------|--------------|
| LOCATE CALL CENTER OF ALASKA (LCCA) |              |
| ANCHORAGE AREA                      | 278-3121     |
| STATEWIDE                           | 800-478-3121 |
| AT&T ALASKA INC.                    | 284-8469     |
| ALASKA RAILROAD UTILITIES           | 265-2457     |
| ALASKA CABLE TV (GROWWOOD)          | 783-2982     |
| KULIS AIR BASE                      | 248-1499     |
| MILITARY PETROLEUM FUEL LINES       | 552-2334     |
| OR 552-5342                         |              |
| STATE STORM DRAINS & STREET LIGHTS  | 333-2411     |

| CONSTRUCTION LEGEND |          |
|---------------------|----------|
| NEW                 | EXISTING |
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| R.O.W. LEGEND  |  |
|--|--|
| R.O.W. LINE  |  |
| CENTERLINE OF TRENCH   |  |
| UNLESS OTHERWISE NOTED CHUGACH FACILITIES WILL BE INSTALLED AS SHOWN ABOVE |  |
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|  |  |
| Typical Staking  |  |

AS-BUILT

Date: 7/11/99  
By: Mike Arnold



| PROJECT: WHITTIER 25KV UPGRADE - 24.9/12.5KV STEP-DOWN TRANSFORMER INSTALLATION |                                      |                   |                          |
|---|--------------------------------------|-------------------|--------------------------|
| DESIGNER/PROJECT ENGINEER: M. ARNOLD / J. MILLER                                |                                      | W.O. #: E9811541F |                          |
| NO.   | DESIGN/CONSTRUCTION/ASBUILT REVISION | OWN BY/DATE       | REVIEWED (MGR/SUPV)/DATE |
| 0   | ISSUED FOR CONSTRUCTION              | PA 5/27/99        | MT DGS for JW 5/27/99    |
| 0-1   | ASBUILT                              | PA 8/17/99        | DC for MEM 5/28/99       |

ENG. STAMP

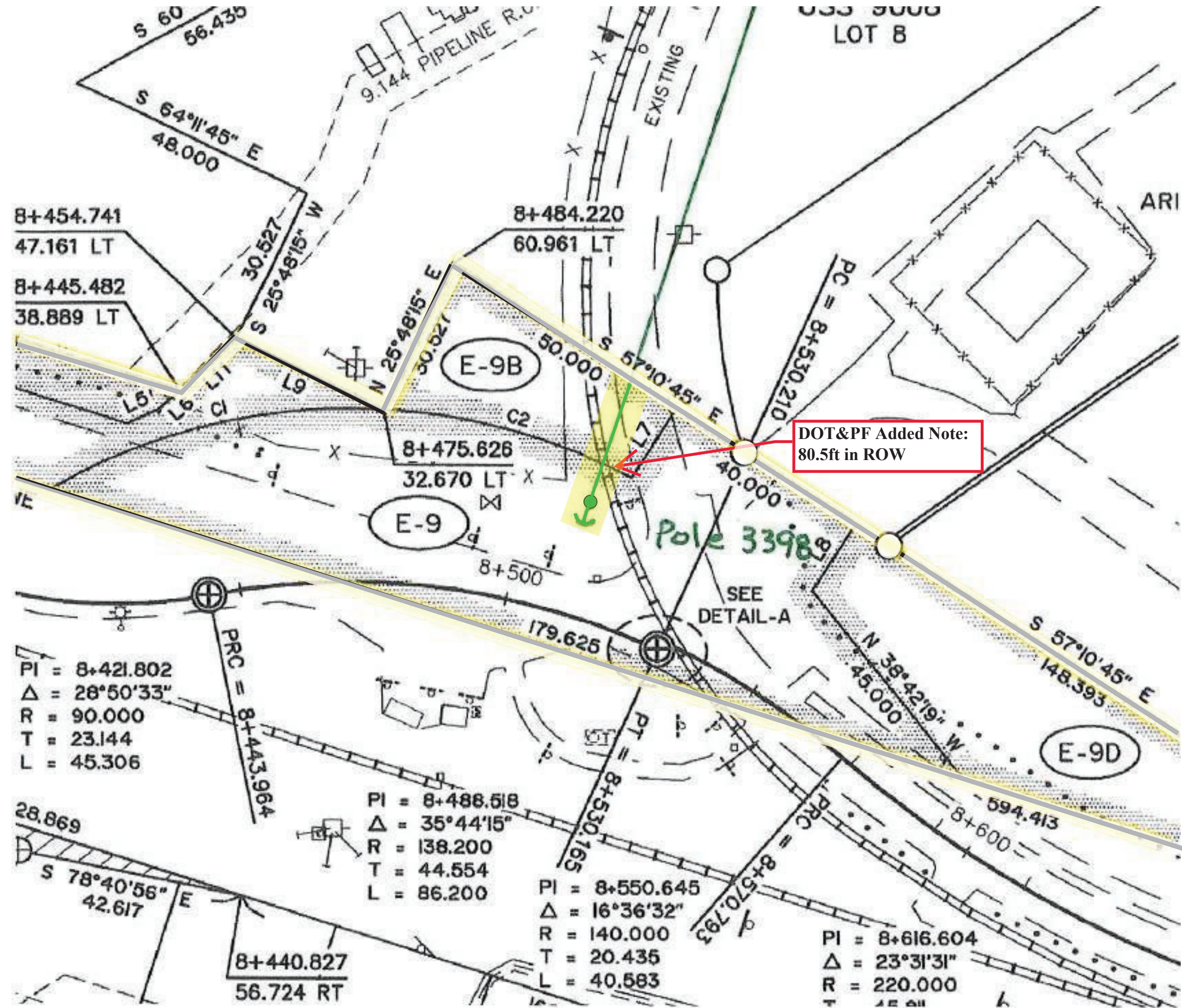


5601 Minnesota Drive  
P.O. Box 196300  
Anchorage, Alaska  
99519-6300

| DRAWING NAME:  |  |
|--|--|
| WHITTIER 25KV UPGRADE - 24.9/12.5KV STEP-DOWN TRANSFORMER INSTALLATION |  |
| ELECTRICAL   |  |
| GRID: WHITTIER 2 & 3 MAP 8N4E-15D, 22A FEEDER: PORTAGE 112             |  |
| W.O. E9811541F   |  |
| SHEET 17 OF 19   |  |

ARRC Permit 5215







**Permit No. 1-132320-23-253**  
**Latitude: 60.7765066**  
**Longitude: -148.725448**  
**Date: 10/26/2023**  
**Page: 3 of 5**

[illegible]

### Vicinity Map





































### CONDUCTOR DATA

|                        |                        |
|------------------------|------------------------|
| Manuf. _____           | Manuf. _____           |
| Manuf. Date _____      | Manuf. Date _____      |
| Volt Rating _____      | Volt Rating _____      |
| Insul. Type _____      | Insul. Type _____      |
| Insul. Size _____      | Insul. Size _____      |
| Cond. Size/Type _____  | Cond. Size/Type _____  |
| Quantity in Feet _____ | Quantity in Feet _____ |
|                        |                        |
| Manuf. _____           | Manuf. _____           |
| Manuf. Date _____      | Manuf. Date _____      |
| Volt Rating _____      | Volt Rating _____      |
| Insul. Type _____      | Insul. Type _____      |
| Insul. Size _____      | Insul. Size _____      |
| Cond. Size/Type _____  | Cond. Size/Type _____  |
| Quantity in Feet _____ | Quantity in Feet _____ |

**CALL BEFORE YOU DIG!**

|   |              |
|---|--------------|
| LOCATE CALL CENTER OF ALASKA (LCCA)     |              |
| ANCHORAGE AREA.....                     | 278-3121     |
| STATEWIDE.....                          | 800-478-3121 |
| AT&T ALSCOM INC.....                    | 264-8465     |
| ALASKA RAILROAD UTILITIES.....          | 265-2457     |
| ALYESKA CABLE TV (GRDWOOD).....         | 763-2982     |
| KULIS AIR BASE.....                     | 249-1499     |
| MILITARY PETROLEUM FUEL LINES.....      | 552-2334     |
|   | OR 552-5342  |
| STATE STORM DRAINS & STREET LIGHTS..... | 333-2411     |

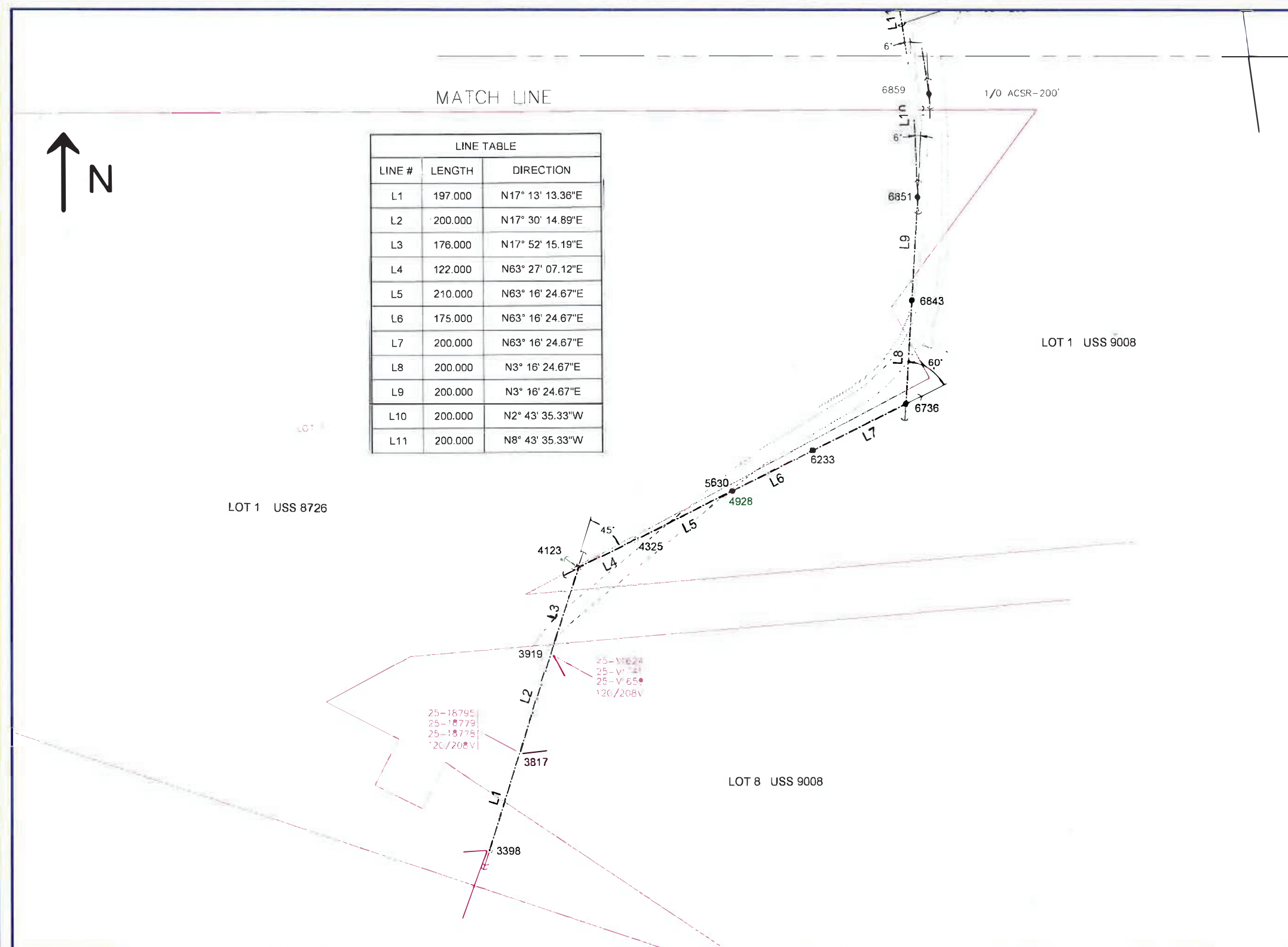
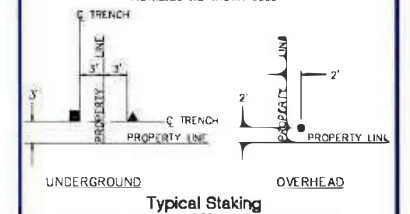
### CONSTRUCTION LEGEND

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### R.O.W. LEGEND

R.O.W. LINE  
CENTERLINE OF TRENCH

UNLESS OTHERWISE NOTED  
CHUGACH FACILITIES WILL BE  
INSTALLED AS SHOWN BELOW



| LINE TABLE |         |                  |
|------------|---------|------------------|
| LINE #     | LENGTH  | DIRECTION        |
| L1         | 197.000 | N17° 13' 13.36"E |
| L2         | 200.000 | N17° 30' 14.89"E |
| L3         | 176.000 | N17° 52' 15.19"E |
| L4         | 122.000 | N63° 27' 07.12"E |
| L5         | 210.000 | N63° 16' 24.67"E |
| L6         | 175.000 | N63° 16' 24.67"E |
| L7         | 200.000 | N63° 16' 24.67"E |
| L8         | 200.000 | N3° 16' 24.67"E  |
| L9         | 200.000 | N3° 16' 24.67"E  |
| L10        | 200.000 | N2° 43' 35.33"W  |
| L11        | 200.000 | N8° 43' 35.33"W  |

[illegible]

ENG. STAMP



Chugach Electric Association, Inc.  
5601 Electron Drive - P.O. Box 196300  
Anchorage, Alaska 99519-6300

**DRAWING NAME**

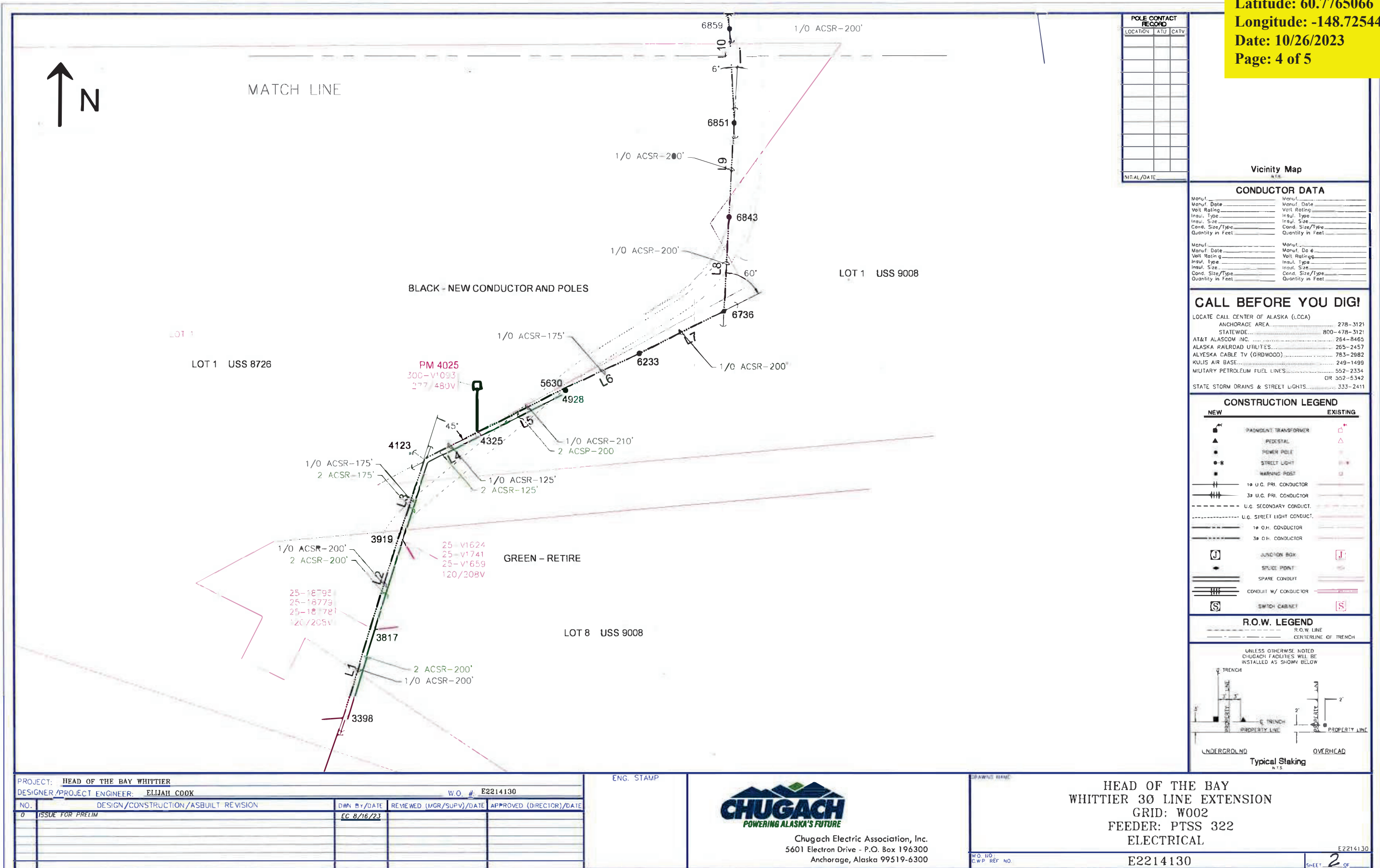
HEAD OF THE BAY  
WHITTIER 30 LINE EXTENSION  
GRID: W002  
FEEDER: PTSS 322  
ELECTRICAL

W.O. 110  
C.W.P. REF NO.

E2214130

E2214130

**Permit No. 1-132320-23-253**  
**Latitude: 60.7765066**  
**Longitude: -148.725448**  
**Date: 10/26/2023**  
**Page: 4 of 5**





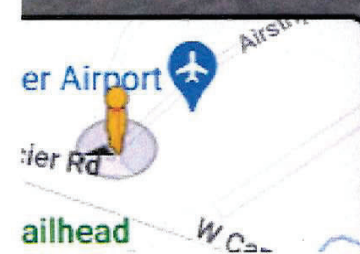
Permit No. 1-132320-23-253  
Latitude: 60.7765066  
Longitude: -148.725448  
Date: 10/26/2023  
Page: 5 of 5

OH to be  
reconductored

Replace  
Anchor

POLE 3398

TUN  
PO



W.O. E2214130 - HEAD OF THE BAY,  
WHITTIER

"Existing Road" on Parcel E-9 Exhibit B  
Google