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COMMUNITY DEVELOPMENT DEPT

posi@ive ENERGY

# ML&P 5-YEAR PLAN 2015-2019

FOR THE REMOVAL
OF NON-CONFORMING OVERHEAD LINES
IN ACCORDANCE WITH MOA TITLE 21.07.050

# TITLE 21 PROJECT

**Delaney Street** 

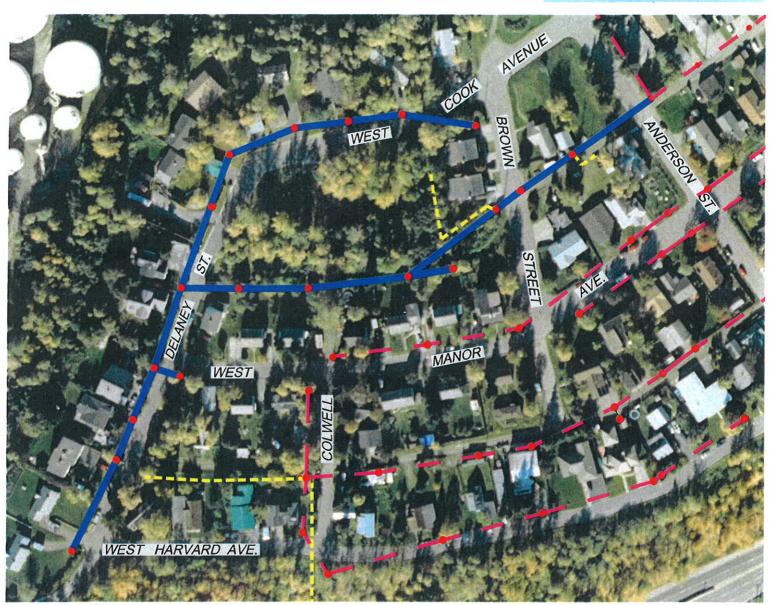
Government Hill Community Council: West Government Hill Subdivision



# PROJECT DESCRIPTION

This project will begin at West Harvard and Delaney Street, extend to West Cook and Brown Street, then complete the loop at Anderson Street in the alley north of West Manor Ave. This project is in the Target Area described in the Title 21 Underground Ordinance because it encompasses Al Miller Memorial Park as well is nearby two scenic interest areas; Brown's Point Park and Suzan Nightengale McKay Park. This project has the support of the Government Hill Community Council.





# Legend

Overhead line to be underground Overhead line to remain Existing Underground line Project location on Vicinity Map Power Pole



Drawing for use by ML&P only.

# PLEASE RETURN COMMENTS TO:

Municipality of Anchorage Planning Division/Current Planning Section P.O. Box 196650

Anchorage, Alaska 99519-6650

Phone: 907-343-7943

CASE NO:

2015-0018

**REQUEST:** 

Administrative Review per AMC 21.07.050.G of the Municipal Light & Power

Five Year Undergrounding Plan (2015-2019). This Five Year Undergrounding Plan shall be consistent with AMC 21.90.070 (Non-Conforming Overhead

Lines). \*\*THIS IS NOT A PUBLIC HEARING\*\*

SITE ADDRESS:

N/A

**CURRENT ZONE:** 

N/A

ORIG SUBD/LEGAL:

N/A

# COMMENTS AND DECISION SCHEDULE

Administrative Decision

**Decision Date:** 

Friday, March 20, 2015

**Agency Comments Due:** 

Friday, March 06, 2015

**Council Comments Due:** 

Tuesday, March 10, 2015

# **COMMUNITY COUNCIL(S):**

Not Applicable

Municipality of Anchorage Planning Division, Current Planning Section 4700 Elmore Road Anchorage, Alaska

# MLP ENGINEERING MOA TITLE 21.07.050 - NON-CONFORMING OVERHEAD LINES REMOVAL 5-YEAR PLAN 2015 TO 2019

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Five-year requirement:
Debit or (Credit) carry over
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ML&P 5-YEAR PLAN 2015-2019

# I. INTRODUCTION

Municipal Light and Power, ML&P, has been placing new distribution lines underground since the 1960s and burying existing overhead distribution lines since the early 1980s. On March 1, 2005, the Anchorage Assembly amended Title 21.07.050 to require Anchorage utilities to spend 2% of a three-year rolling average of the utility's annual gross retail revenues derived from utility service connections within the Municipality to underground existing overhead lines with the intent to accelerate the pace of burying existing overhead lines. Today the majority of ML&P's distribution system is underground. Pursuant to the Municipal Ordinance, ML&P annually develops a five-year plan which is submitted to the Municipal Planning Department for review and comment. The Plan identifies the location of lines anticipated to be buried in the coming five years. Some overhead distribution lines may never be buried due to conditions such as safety, soil conditions, and/or steep terrain. Electric lines of 69,000 volts and higher, considered Transmission, and are not required to be buried due to excessive cost and technical reasons at this point in industry development. Also, any other utility that attaches to ML&P poles is supposed to places its lines underground at the same time as per the Title 21 Ordinance.

# II. PROJECT SELECTION

ML&P has set up a Title 21.07.050 Review Committee to identify potential projects to be included in its Five Year Plan. Decisions concerning which lines shall be buried and when depend on numerous factors. An evaluation review sheet is used that assesses potential projects and facilitates project priority decisions for the Committee. Some factors considered in project evaluations are:

- If there is an electrical system betterment derived that improves system condition or is required to meet forecasted load growth
- Where there are National Electrical Safety Code, NESC, issues can be improved by removing overhead lines
- Age of the facilities in the proposed project area
- View shed areas or areas with a high degree of public visibility
- Demonstrated neighborhood desire and support for a project
- Where other undergrounding project opportunities arise in conjunction with road or sewer/water projects or projects of other "wire" utilities
- Where undergrounding would eliminate an unusually heavy concentration of overhead electric lines.
- Where the street or general area is extensively used by the general public and carries a heavy volume of pedestrian or vehicular traffic

## III. PROJECT LISTING

The following spreadsheet lists the projects ML&P has identified for undergrounding within the next 5 years. Projects that were started but not completed last year will be completed during the following summer. Summary sheets are included for each project that identifies the general area where conversion from overhead to underground facilities is expected. As much as ML&P would like this five-year plan to be static, there are circumstances where other necessary but unforeseen projects may preempt and change the anticipated timing of any project listed in any Five Year Plan.

# IV. FUTURE PROJECT CONSIDERATIONS

ML&P receives requests for undergrounding from diversified sources. The requests that did not make the current five year plan will remain on ML&P's list of potential undergrounding project for re-evaluation each year. These projects are listed below in alphabetical order.

# **DESCRIPTION**

7<sup>th</sup> & O Street 9<sup>th</sup> & P Street 9<sup>th</sup>/10<sup>th</sup> Alley: Cordova to Karluk 11<sup>th</sup> & C Street 11th Alley - A Street to Cordova 11<sup>th</sup>/13<sup>th</sup>: Cordova to Gambell 12<sup>th</sup> Ave: U Street to P Street 13<sup>th</sup> & P Street 14th & N Street 15<sup>th</sup> & LaTouche 16<sup>th</sup> & K Street 20<sup>th</sup> & Norene Street 40<sup>th</sup> & Wright St 42<sup>nd</sup> & Brantley Airport Heights School – 16th & Alder Alder Drive & 17<sup>th</sup> Ave Aleutian/Logan Street from 17<sup>th</sup> to 20<sup>th</sup> Arctic Blvd. to Aurora St. -19th to 22nd B Street – 40<sup>th</sup> to Tudor Barrow – 26<sup>th</sup> Avenue Carlson Park - Stanford & Cornell Drive College Gate Elementary - 30th & Boniface Columbine Street - 16<sup>th</sup> to Debarr Cornell Court - Emory St. Cottonwood & Glennwood Culver Place – 22<sup>nd</sup> to 24<sup>th</sup> Eide St. & 33<sup>rd</sup> Ave Esquire/Forest Park Alley

# **DESCRIPTION**

Fairbanks & Gambell alley, near Fireweed Frontierland Park - 10th & E Street Gambell Street – 3<sup>rd</sup> to 16<sup>th</sup> Ave Garden Street - 15<sup>th</sup> & Sunrise Dr. Glacier Street & 22<sup>nd</sup> Avenue Hillcrest Drive, east of Spenard Hollywood & Elm Street Hyder & 14<sup>th</sup> Avenue Inlet View Elementary – 12<sup>th</sup> & Inlet Kanchee Park - 3<sup>rd</sup> & Klevin Karluk Street - 4th to 10th Lawarance Court Lynn Drive & 40<sup>th</sup> Maplewood & 26<sup>th</sup> Maplewood/24<sup>th</sup> Trailhead Mt. View Lions Park Needle Circle North Star Street & 23<sup>rd</sup> Ave Park Street & 3<sup>rd</sup> Avenue Parkdale West Condos - 19th & Arctic Rogers Park Elementary-N.L. & LaTouche Salem Drive near MacInnes Street Seaforth Place to MacInnes Street Talkeetna & 17<sup>th</sup> Thompson Ave-Bragaw St. to Pine St Tudor & 42<sup>nd</sup> Alley Valley of the Moon Park – 17<sup>th</sup> & Arctic Winterset Drive near 36<sup>th</sup> Wonder Park School – 4<sup>th</sup> & Boniface