

See AO 2005-121(S)

Submitted by: Chair of the Assembly at the
Request of the Mayor
Prepared by: Planning Department
For reading: September 13, 2005

Anchorage, Alaska
No. AO 2005- 121

1 AN ORDINANCE OF THE ANCHORAGE MUNICIPAL ASSEMBLY AMENDING THE
2 **UTILITY CORRIDOR PLAN** TO ADD A NEW ELECTRICAL TRANSMISSION LINE
3 CORRIDOR ALIGNMENT (Planning and Zoning Commission Case 2005-105)
4

5 THE ANCHORAGE ASSEMBLY ORDAINS:
6

7 **Section 1:** The *Utility Corridor Plan* is amended with the addition of a future new line for an
8 electrical transmission facility within the Alaska Railroad right-of-way from the new South
9 Anchorage Substation south to and then east along O'Malley Road to an existing transmission
10 line at the Bragaw Street/Elmore Road right-of-way. Specifically, the alignment is identified
11 as Route 5 (Segments F-east, H-north, I-north), and described in the **Route Selection Study,**
12 **138 kV Transmission Line, South Anchorage Substation to University/Huffman Line,**
13 prepared for Chugach Electric Association, Inc., by Dryden and LaRue, Inc. et al., dated June
14 2005.
15

16 **Section 2:** This ordinance shall become effective immediately upon its passage and approval
17 by the Assembly.
18

19 PASSED AND APPROVED by the Anchorage Assembly this _____ day of
20 _____ 2005.
21

22
23
24 _____
25 Chair

26 ATTEST:
27
28
29
30

31 _____
Municipal Clerk

MUNICIPALITY OF ANCHORAGE
Summary of Economic Effects -- General Government

AO Number: 2005- 121

Title: An Ordinance of the Anchorage Municipal Assembly Amending the Utility Corridor Plan to Add a New Electrical Transmission Line Corridor Alignment (Planning & Zoning Commission Case No. 2005-105).

Sponsor:

Preparing Agency: Planning Department

Others Impacted:

CHANGES IN EXPENDITURES AND REVENUES:

(In Thousands of Dollars)

	FY05	FY06	FY07	FY08	FY09
Operating Expenditures					
1000 Personal Services					
2000 Non-Labor					
3900 Contributions					
4000 Debt Service					
TOTAL DIRECT COSTS:	\$ -	\$ -	\$ -	\$ -	\$ -
Add: 6000 Charges from Others					
Less: 7000 Charges to Others					
FUNCTION COST:	\$ -	\$ -	\$ -	\$ -	\$ -

REVENUES:

CAPITAL:

POSITIONS: FT/PT and Temp

PUBLIC SECTOR ECONOMIC EFFECTS:

Approval of this amendment should have no significant economic impact on the public sector.

PRIVATE SECTOR ECONOMIC EFFECTS:

Approval of this amendment should have no significant impact on the private sector, other than to those property owners along the route with whom CEA will negotiate to acquire easements for the transmission line. In those instances, the property owners will be compensated for the impact by CEA.

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MUNICIPALITY OF ANCHORAGE

ASSEMBLY MEMORANDUM

No. AM 655-2005

Meeting Date: September 13, 2005

From: MAYOR

Subject: AN ORDINANCE OF THE ANCHORAGE MUNICIPAL ASSEMBLY
AMENDING THE UTILITY CORRIDOR PLAN TO ADD A NEW
ELECTRICAL TRANSMISSION LINE CORRIDOR ALIGNMENT

1 This ordinance would amend the Utility Corridor Plan (UCP) to add a new electrical
2 transmission line corridor. The UCP was adopted in 1990 to provide guidance to the
3 municipality and affected utilities regarding the type and location of major utility facilities to
4 be developed over the next ten to twenty years. The plan was designed to express the most
5 appropriate location for facility improvements in order to provide predictability in utility
6 development while minimizing neighborhood and community impacts.

7
8 Chugach Electric Association (CEA) is finalizing several large-scale projects in an ongoing
9 effort to strengthen the regional power grid and provide additional switching flexibility and
10 system protection in Anchorage. These included development of a new South Anchorage
11 Substation and an associated new 138 kV transmission line corridor from the International
12 Substation to this new facility, which were the subject of a previous Assembly Ordinance
13 amending the UCP (AO 2003-78). CEA is now requesting a UCP amendment to add a new
14 138 kV transmission line, which will complete the 138 kV loop in south Anchorage,
15 connecting the new South Anchorage Substation with the University Substation. This new
16 loop is essential to meet existing and anticipated load growth demand for south Anchorage. It
17 is also consistent with CEA's Long Range Transmission Plan (1992).

18
19 Although the UCP depicts two east-west corridors in south Anchorage, neither of these are
20 considered appropriate or efficient to the needs and purpose of this new looping program.
21 The UCP anticipated that departures from adopted corridors may occur over time as
22 conditions technologies, and land uses change. To account for this, the UCP provides for a
23 plan amendment process should transmission routes other than those depicted in the plan be
24 requested. The UCP describes the process and concludes with the following, "The Planning
25 Commission shall be that municipal entity authorized to grant major deviations from the
26 corridors specified in the plan map." Because the UCP is an element of Anchorage 2020-
27 Anchorage Bowl Comprehensive Plan, the Assembly must also approve UCP amendments.

28
29 CEA prepared a route selection analysis to evaluate potential corridors for completing the
30 138 kV loop between the South Anchorage Substation and the University Substation, via the
31 existing line in the Bragaw Road/Elmore Road right-of way. This analysis considered
32 several corridors and segments and evaluated a number of factors, including engineering
33 design, environmental, land use, community and visual impacts, and costs. The analysis

1 resulted in a June 2005 Route Selection Study Report and a request from CEA to the Planning
2 and Zoning Commission to amend the UCP to add the corridor alignment recommended by
3 the analysis (Route 5).

4
5 The proposed new utility corridor requested by CEA, would extend 2.9 miles from the new
6 South Anchorage Substation, which is generally located approximately one-half mile south of
7 Dimond Boulevard on a parcel adjacent to the railroad right of way, south along the Alaska
8 Railroad right-of-way to O'Malley Road, and then east along the O'Malley Road right-of-way
9 until its intersection with the existing University/Huffman transmission line.

10
11 The proposed amendment was heard and approved by the Planning & Zoning Commission on
12 August 8, 2005.

13
14 THE ADMINISTRATION CONCURS WITH THE RECOMMENDATION OF THE
15 PLANNING AND ZONING COMMISSION AND RECOMMENDS ASSEMBLY
16 ADOPTION OF THE ORDINANCE AMENDING THE UTILITY CORRIDOR PLAN TO
17 ADD A NEW ELECTRICAL TRANSMISSION LINE CORRIDOR ALGINMENT.

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19
20 Prepared by: Tom Nelson, Director, Planning Department
21 Concurred by: Mary Jane Michael, Executive Director
22 Office of Economic and Community Development
23 Concurred by: Denis C. LeBlanc, Municipal Manager
24 Respectfully submitted: Mark Begich, Mayor

25
26
27 Attachments: 1. Planning and Zoning Commission Resolution 2005-048
28 2. Planning and Zoning Commission August 8, 2005 Minutes
29 3. Planning and Zoning Commission Staff Report dated August 8, 2005
30 4. Route Selection Study 138 kV Transmission Line, South Anchorage
31 Substation to University/Huffman Line, Prepared for Chugach Electric
32 Association, Inc. (provided separately)

MUNICIPALITY OF ANCHORAGE
PLANNING AND ZONING COMMISSION RESOLUTION NO. 2005-048

A RESOLUTION RECOMMENDING APPROVAL OF AN AMENDMENT TO THE UTILITY CORRIDOR PLAN TO ADD A NEW ELECTRIC TRANSMISSION LINE CORRIDOR.

(Case 2005-105)

WHEREAS, the Chugach Electric Association (CEA) submitted a request to amend the Utility Corridor Plan to create a new electric transmission line corridor and add it to the set of adopted corridors for electric transmission in the Anchorage Bowl; and

WHEREAS, the Utility Corridor Plan, as an element of Anchorage 2020—Anchorage Bowl Comprehensive Plan (Anchorage 2020), includes design standards and utility corridors which are meant to govern public utility locations and improvements throughout the Municipality; and

WHEREAS, according to the Utility Corridor Plan, significant departures from adopted utility corridors and/or new facilities, require a formal plan amendment, which must follow specific procedures; and

WHEREAS, CEA undertook a route selection and evaluation process, a public outreach process, and an agency review coordination, consistent with the amendment procedures, standards, and alternative corridor analyses outlined in the Plan; and

WHEREAS, in order to meet CEA's future needs for a new transmission line, and per the results of the route selection study and public and agency coordination, a preferred new alignment for a future transmission line was identified along the Alaska Railroad Right-of-Way south to and then east along O'Malley Road to an existing transmission line at Bragaw Street/Elmore Road Right-of-Way; and


WHEREAS, notice of the proposed plan amendment was published and a public hearing was held on August 8, 2005; and, as delineated in the Utility Corridor Plan, the Planning and Zoning Commission is identified as the municipal agency responsible for plan amendments.

NOW, THEREFORE, BE IT RESOLVED by the Anchorage Planning and Zoning Commission that:

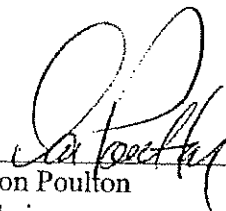
- A. The Commission makes the following findings of fact:
1. The CEA alternative was determined to be the alignment that impacts the least number of overall parcels and least number of residential parcels.
 2. The CEA preferred alternative will generate the least overall cost to the public and the utility company, and requires the least amount of additional easements.

3. The preferred alignment represents the culmination of extensive public engagement and input from within each of the alignment alternatives.
- B. The Commission recommends approval of this new electric transmission corridor as a formal amendment to the Utility Corridor Plan, with the following conditions:
1. That CEA work with municipal staff from the Departments of Parks and Recreation, Planning, Project Management and Engineering, and Traffic and with the Alaska Department of Transportation and Public Facilities to delineate the final alignment. The corridor must ensure that the new line accommodates future Alaska Railroad Corporation's ROW needs, the new O'Malley Road state reconstruction project, and existing or planned municipal trails, while maintaining consistency with existing municipal plans and Anchorage 2020 policies.
 2. That CEA will continue to work with the affected Community Councils and property owners to maximize mitigation items in the line's final placement of support structures.

PASSED AND APPROVED by the Anchorage Planning and Zoning Commission this 8th day of August 2005.



Tom Nelson
Secretary



Don Poulton
Chair

Content Information

Content ID : 003243

Type: Ordinance - AO

AN ORDINANCE OF THE ANCHORAGE MUNICIPAL ASSEMBLY

Title: AMENDING THE UTILITY CORRIDOR PLAN TO ADD A NEW ELECTRICAL TRANSMISSION LINE CORRIDOR ALIGNMENT.

Author: perrysu

Initiating Dept: Planning

Description: Utility Corridor Plan Amendment to Add a New Electric Transmission Line Corridor

Keywords: Utility Corridor Plan

Date Prepared: 8/31/05 5:48 PM

Director Name: Tom Nelson

Assembly Meeting Date MM/DD/YY: 9/13/05

Public Hearing Date MM/DD/YY: 9/27/05

M.D.A.
 2005 SEP -6 PM 12:51
 CLEMENS OFFICE

Workflow History

<u>Workflow Name</u>	<u>Action Date</u>	<u>Action</u>	<u>User</u>	<u>Security Group</u>	<u>Content ID</u>
AllOrdinanceWorkflow	8/31/05 5:53 PM	Checkin	perrysu	Public	003243
Planning_SubWorkflow	8/31/05 5:57 PM	Approve	nelsontp	Public	003243
ECD_SubWorkflow	9/1/05 9:34 AM	Approve	thomasm	Public	003243
OMB_SubWorkflow	9/2/05 11:56 AM	Approve	mitsonjl	Public	003243
Legal_SubWorkflow	9/2/05 12:45 PM	Approve	gatesdt	Public	003243
MuniManager_SubWorkflow	9/3/05 10:05 AM	Approve	leblancdc	Public	003243
MuniMgrCoord_SubWorkflow	9/4/05 8:57 PM	Approve	abbottmk	Public	003243