

Submitted by: Chair of the Assembly at the
Request of the Mayor
Prepared by: Public Transportation
Department
For reading: February 16, 2010

CLERK'S OFFICE

AMENDED AND APPROVED

Date: 3-16-10

**ANCHORAGE, ALASKA
AO NO. 2010-23**

**AN ORDINANCE AMENDING ANCHORAGE MUNICIPAL CODE CHAPTER 11.70
TO AUTHORIZE PUBLIC TRANSIT VEHICLES TO UTILIZE TRAFFIC
PREEMPTION DEVICES.**

THE ANCHORAGE ASSEMBLY ORDAINS:

Section 1. Anchorage Municipal Code section 11.70.020 Definitions is hereby amended to add the following definition:

11.70.020 Definitions.

For the purposes of this chapter:

Concealed weapon means any weapon as identified in Anchorage Municipal Code Section 8.25.020.

Passenger vehicle means any vehicle provided, used, or under contract to transport passengers by the municipality's public transportation system.

Service animal means any guide dog, signal dog, or other animal trained to provide assistance to an individual with a disability.

Traffic preemption device means a system using infrared light or other technology on a motor vehicle to transmit a signal to a receiver connected to a traffic light or other traffic control device for the purpose of giving the vehicle transmitting the signal the right-of-way by changing the traffic light or control device.

(AO No. 2000-127(S), § 1, 10-14-00)

Section 2. Anchorage Municipal Code chapter is amended to add a new section to read as follows:

11.70.025 Traffic preemption devices.

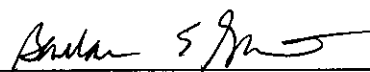
Public transportation buses operated by the municipal public transportation department are authorized to possess and use traffic preemption devices in the municipality pursuant to AS 11.56.825.

1
2 **Section 3.** This ordinance shall be effective on March 1, 2010, and sunset
3 without further action by the Assembly on June 1, 2011 upon passage. Prior to
4 March 31, 2011, the Public Transportation Department shall submit an
5 Assembly Information Memorandum (AIM), reporting to the Assembly on the
6 trial period and recommending the continuation, expansion or repeal this
7 ordinance.
8
9

10 PASSED AND APPROVED by the Anchorage Assembly this 16th day of
11 March, 2010.

12
13
14 
15 _____
16 Chair of the Assembly

17 ATTEST:

18
19 
20 _____
21 Municipal Clerk
22

MUNICIPALITY OF ANCHORAGE
Summary of Economic Effects -- General Government

AO Number: 2010-23

Title: **AN ORDINANCE AMENDING ANCHORAGE MUNICIPAL CODE
 CHAPTER 11.70 TO AUTHORIZE PUBLIC TRANSIT VEHICLES TO
 UTILIZE TRAFFIC PREEMPTION DEVICES.**

Sponsor: **MAYOR**
 Preparing Agency: Department of Public Transportation
 Others Impacted:

CHANGES IN EXPENDITURES AND REVENUES:	(In Thousands of Dollars)				
	FY2010	FY2011	FY2012	FY2013	FY2014
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:

Until this technology is implemented and evaluated, the economic effects are not readily measurable. However, research has shown increased efficiencies in delivering service.

PRIVATE SECTOR ECONOMIC EFFECTS:

None.

Prepared by: Jouni H. Alatervo

Telephone: 343-8295



MUNICIPALITY OF ANCHORAGE

ASSEMBLY MEMORANDUM

AM No. 89-2010

Meeting Date: February 16, 2010

1 **FROM: MAYOR**

2
3 **SUBJECT: AN ORDINANCE AMENDING ANCHORAGE MUNICIPAL CODE**
4 **CHAPTER 11.70 TO AUTHORIZE PUBLIC TRANSIT VEHICLES TO**
5 **UTILIZE TRAFFIC PREEMPTION DEVICES.**
6

7 This ordinance authorizes public transit vehicles to utilize traffic preemption devices along
8 bus routes in Anchorage. To test the impacts of transit signal preemption technology on
9 bus running times and on traffic congestion and movement, only 2 routes will initially
10 utilize the devices.

11 The state statute authorizing traffic preemption devices requires Assembly authorization
12 prior to implementation:
13

14
15 **Alaska Statute 11.56.825.** Unlawful Possession or Use of Traffic
16 Preemption Device prohibits the use of a traffic preemption device, but
17 does not apply to:

18 *** **

19
20 (2) a person operating a motor vehicle involved in highway
21 maintenance or public transit that has been authorized by ... the municipal
22 assembly or council ... to possess or use a traffic preemption device.
23

24
25 The Public Transportation Department desires to perform a pilot project using Transit
26 Signal Priority on two transit routes in the Municipality of Anchorage. Research indicates
27 that transit properties using the OptiCom Transit Signal Priority have achieved a 6% to
28 25% savings in running times, allowing the system to either provide more transit service
29 for the same operating funds, or to maintain service for less operating funds.
30

31 This pilot project will be conducted with collaboration of the MOA Traffic Department,
32 People Mover and the UAA Civil Engineering Department. The MOA Traffic Department
33 has identified 20 traffic signals along the two routes which would not significantly impact
34 traffic. The UAA Civil Engineering Department will study detailed comparisons of running
35 times which will be modeled with VISSIM software provided by UAA for the
36 Transportation Engineering Department. An UAA Masters student will analyze before
37 and after data and will provide recommendations in a thesis paper.
38

1 The pilot project will begin March 1, 2010. Fifteen of 55 transit buses will be equipped
2 with OptiCom emitters. Twenty of the traffic signals along Route 7-Spenard and Route 9-
3 Arctic will be programmed to receive low priority bus signals. There are currently 271
4 traffic signals, but only 20 will receive this low priority capability.

5
6 The costs for this program are covered through existing capital Federal Transit
7 Administration grant funds.
8
9

10 **THE ADMINISTRATION RECOMMENDS APPROVAL OF AN ORDINANCE**
11 **AMENDING ANCHORAGE MUNICIPAL CODE CHAPTER 11.70 TO AUTHORIZE**
12 **PUBLIC TRANSIT VEHICLES TO UTILIZE TRAFFIC PREEMPTION DEVICES.**
13
14

15 Prepared by: Dept. of Public Transportation
16 Approved by: Jody M. Karcz, Director of Public Transportation
17 Concur: Dennis A. Wheeler, Municipal Attorney
18 Concur: George J. Vakalis, Municipal Manager
19 Respectfully submitted: Daniel A. Sullivan, Mayor

Content ID: 008671**Type:** Ordinance - AO

AN ORDINANCE AMENDING ANCHORAGE MUNICIPAL CODE CHAPTER

Title: 11.70 TO AUTHORIZE PUBLIC TRANSIT VEHICLES TO UTILIZE TRAFFIC
PREEMPTION DEVICES**Author:** alatervojh**Initiating
Dept:** Transit**Date Prepared:** 1/29/10 11:08 AM**Director Name:** Jody M. Karcz**Assembly
Meeting Date:** 2/16/10**Public Hearing
Date:** 3/2/10

Workflow Name	Action Date	Action	User	Security Group	Content ID
Clerk_Admin_SubWorkflow	2/5/10 11:48 AM	Exit	Joy Maglaqui	Public	008671
MuniManager_SubWorkflow	2/5/10 11:48 AM	Approve	Joy Maglaqui	Public	008671
Legal_SubWorkflow	2/4/10 2:58 PM	Approve	Rhonda Westover	Public	008671
Finance_SubWorkflow	2/4/10 2:51 PM	Approve	Lucinda Mahoney	Public	008671
OMB_SubWorkflow	2/1/10 3:19 PM	Approve	Cheryl Frasca	Public	008671
Transit_SubWorkflow	1/29/10 11:17 AM	Approve	Jody Karcz	Public	008671
AllOrdinanceWorkflow	1/29/10 11:16 AM	Checkin	Jouni Alatervo	Public	008671