

**SENATE . . . . . No. 1970**

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**The Commonwealth of Massachusetts**

PRESENTED BY:

*Patrick M. O'Connor*

*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act relative to rapid transit systems.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	
<i>Patrick M. O'Connor</i>	<i>Plymouth and Norfolk</i>	
<i>Donald F. Humason, Jr.</i>	<i>Second Hampden and Hampshire</i>	<i>1/30/2017</i>
<i>Russell E. Holmes</i>	<i>6th Suffolk</i>	<i>2/3/2017</i>

**SENATE . . . . . No. 1970**

By Mr. O'Connor, a petition (accompanied by bill, Senate, No. 1970) of Patrick M. O'Connor, Donald F. Humason, Jr. and Russell E. Holmes for legislation relative to rapid transit systems. Transportation.

**The Commonwealth of Massachusetts**

**In the One Hundred and Ninetieth General Court  
(2017-2018)**

An Act relative to rapid transit systems.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 Chapter 21A of the Massachusetts General Laws, as appearing in the 2014 Official  
2 Edition, is hereby amended by adding the following new section:-

3 SECTION 27. (a) Non-exclusive access to rights-of-way in the Commonwealth of  
4 Massachusetts may be granted to mobility network providers meeting the following criteria: (1)  
5 Privately funded construction; (2) Privately operated without government subsidies; (3) Exceed  
6 120 passenger-miles per gallon, or equivalent energy efficiency; (4) Exceed safety performance  
7 of transportation modes already approved for use, and; (5) Gather more than 2 megawatt-hours  
8 of renewable energy per network-mile per typical day.

9 (b) The office of energy and environmental affairs shall promulgate rules or regulations  
10 for alternative mobility networks based on the following criteria:

11 (1) System design, fabrication, installation, safety, insurance, inspection practices  
12 consistent with the American Society for Testing and Materials International Committee F24 on

13 Amusement Rides and Devices; (2) Environmental approvals will be granted based on a ratio of  
14 energy consumed per passenger-mile of the innovation versus transport modes approved to  
15 operate in the rights-of-way, and; (3) All taxes and fees assessed on the transport systems  
16 providers, passengers and cargo shall be limited to 5% of gross revenues and paid to the  
17 aggregate rights-of-way holders by Personal Rapid Transit providers.