

**SENATE . . . . . No. 2094**

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**The Commonwealth of Massachusetts**

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PRESENTED BY:

***Patrick M. O'Connor***

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*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 competition for specification of alternative types of culvert pipes.

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PETITION OF:

NAME:

*Patrick M. O'Connor*

DISTRICT/ADDRESS:

*Plymouth and Norfolk*

**SENATE . . . . . No. 2094**

By Mr. O'Connor, a petition (accompanied by bill, Senate, No. 2094) of Patrick M. O'Connor for legislation relative to competition for specification of alternative types of culvert pipes. State Administration and Regulatory Oversight.

[SIMILAR MATTER FILED IN PREVIOUS SESSION  
SEE SENATE, NO. 2587 OF 2019-2020.]

**The Commonwealth of Massachusetts**

\_\_\_\_\_  
**In the One Hundred and Ninety-Second General Court  
(2021-2022)**  
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An Act relative to competition for specification of alternative types of culvert pipes.

*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 30 of the General Laws, as so appearing, is hereby amended by inserting the  
2 following new section:-

3 Section 38B. Competition for Specification of Alternative Types of Culvert Pipes.

4 State and municipal agencies shall have the autonomy to determine culvert and storm  
5 sewer material types to be included in the construction of state funded roadways provided that  
6 the pipe material selected (i) is designed using the latest revision of the American Association of  
7 State Highway and Transportation Officials (AASHTO)'s Load Resistance Factor Design  
8 Specifications, or any future design methodology accepted as the prevailing AASHTO  
9 specification, using a product performance life of not less than 75 years, (ii) is constructed to,

10 and inspected for structural integrity, using as a minimum the current AASHTO installation  
11 details and post-installation testing requirements prior to final acceptance, (iii) is manufactured  
12 from non-combustible and non-toxic materials and is not susceptible to hydrostatic flotation  
13 forces when located within Evacuation Route Right-of-Ways, and (iv) maintains hydraulic  
14 design capacity for the project design life.